

ARCS V

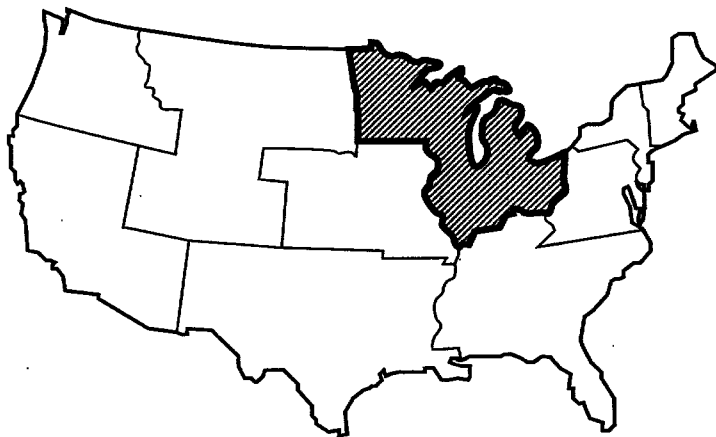
Remedial Activities at Uncontrolled Hazardous Waste Sites in Region V

024872



EPA

United States Environmental
Protection Agency



CH2M HILL

8441101

024872

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**Remedial Investigation
RSR Corporation Superfund Site
Operable Unit No. 3
Volume 2 of 3
Appendices A through C-2**

**ARCS Contract No. 68-W8-0040
EPA Work Assignment No. 82-6P7K
CH2M HILL Master Project No. 111432**

February 1996

024873

024874

**Remedial Investigation
RSR Corporation Superfund Site
Operable Unit No. 3
Volume 2 of 3
Appendices A through C-2**

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EPA Work Assignment No. 82-6P7K
CH2M HILL Master Project No. 111432**

**Prepared for
U.S. Environmental Protection Agency**

**Prepared by
CH2M HILL**

February 1996

024874

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Appendix A-1
Remedial Investigation Soil Boring Logs
and Well Construction Diagrams
Site 1

024876



PROJECT NUMBER

111432.FILES

BORING NUMBER

1A-S001

SHEET 1 OF

SOIL BORING LOG

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6962583.25 E 2468587.78

ELEVATION 571.08 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADDTD WMC-514)

WATER LEVELS None Observed

START 2/14/85

FINISH 2/14/85

LOGGER M. Burkha

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
0	0	1-OP	2.59		0-14" Organic Clay (OL), dark brown to black, dry, friable, root zones to 6". 14"-31" Limestone, yellow-white, weathered, dry, hard, friable.	FID=0.0 ppm Sample=UX01
3.0						
6.0		2-DP	2.17		As above, with intermittent Organic Clay (OL) and gravel (-10x), dry.	FID=0.0 ppm
8.0						
8.5	3-OP	0.50			As above. Total Depth=6.5' Location: Site t; southeast side of Area 1A	Refusal at 8.5' bgs Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

024877

PROJECT NUMBER
111432.FLFSBORING NUMBER
1A-S020

SHEET 1 OF 1

SOIL BORING LOG

024878

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6962557.42 E 2488474.34

ELEVATION 589.54 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/14/95

FINISH 2/14/95

LOGGER M. Burk

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RA, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
0.0	0.00	1-DP	0.84		0-17", Organic Clay (OL) with gravel (~20%), dark brown, dry, friable. 17"-34", Limestone, yellow-white, dry, friable, decreased weathering with depth.	FID-not operational Sample=UX01 (0"-12") Sample=UX02 (12"-24")
	3.00					
	4.00	2-DP	1.00		As above.	
6.0					Total Depth=4.0' Location: Site to southwest side of Area 1A	Refusal at 4' bgs Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

024878



PROJECT NUMBER

TXE05678.F1FS

BORING NUMBER

1A-S022

SHEET 1 OF

SOIL BORING LOG

024879

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N8962584 E2488448

ELEVATION 588.51 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 547 ft. MSL 4/4/95

START 04/04/95

FINISH 04/04/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	0.6		0-6", ORGANIC CLAY (OL), dark brown, with gravel and dark asphalt staining. 6"-8", LIMESTONE, white, dry.	FID = 0.0 ppm Sample = UX01
	2					
	4	2-ST	0.8		LIMESTONE, white to gray, friable.	FID = 0.0 ppm
	6	3-ST	1.2		Similar to above, with increase in brown clay and dark staining.	FID = 7 ppm Sample = UL01 (TAL, TCL)
	7					Drilled 6'-7' bgs, no sample
10.0	9	4-ST	0.9		LIMESTONE with organic layer at approximately 8".	FID = 0.0 ppm
	11	5-ST	0.6		LIMESTONE, brown, with increase in brown clay.	FID = 0.0 ppm
	13	6-ST	1.5		0-14", LIMESTONE, moist at 14". 14"-18", LIMESTONE, with increasing hardness.	FID = 0.0 ppm Sample = UL01 (TAL, TCL)
	15					Drilled 13'-15', no sample
	15.5	7-ST	0.5		LIMESTONE, light brown, friable, hard on bottom.	FID = 0.0 ppm
15.0	17					Sample refusal at 15.5' bgs Drilled 15.5'-17' bgs, no sample
	18	8-ST	1.0		LIMESTONE, light brown, soft.	FID = 0.0 ppm
	20	9-ST	1.0		As above, hard on bottom.	FID = 0.0 ppm
	21					Drilled 20'-21', no sample
	22	10-ST	1.5		LIMESTONE, tan with gray seams, hard friable, top 2" slough.	FID = 0.0 ppm
20.0	24	11-ST	1.5		0-8", SILTY CLAY (CL), tan, wet, plastic. 8"-14", LIMESTONE, tan with gray seams (roots) grading into SHALE, tan to gray.	FID = 0.0 ppm
	26	12-ST	1.6		0-9", SILTY FINE SANDY CLAY (CL), light brown, wet, possibly slough. 9"-20", SHALE, dry.	No FID reading
25.0					Total Depth = 26' Location: Site I; west side of Area 1A	Boring terminated at 26' bgs

024879

CHM HILL

PROJECT NUMBER

TXE05078.FIFS

BORING NUMBER

1A-S022

SHEET 1 OF

SOIL BORING LOG

024880

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6902584 E2488448

ELEVATION 588.51 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 547 ft. MSL 4/4/95

START 04/04/95

FINISH 04/04/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0					
	2	1-ST	0.8		0-6" ORGANIC CLAY (OL), dark brown, with gravel and dark asphalt staining.	FID = 0.0 ppm Sample = UX01
	4	2-ST	0.8		LIMESTONE, white to gray, friable.	FID = 0.0 ppm
	6	3-ST	1.2		Similar to above, with increase in brown clay and dark staining.	FID = 7 ppm Sample = UL01 (TAL, TCL)
	7					Drilled 6"-7" bgs, no sample
	9	4-ST	0.9		LIMESTONE with organic layer at approximately 8".	FID = 0.0 ppm
10.0	11	5-ST	0.8		LIMESTONE, brown, with increase in brown clay.	FID = 0.0 ppm
	13	6-ST	1.5		0-14" LIMESTONE, moist at 14". 14"-18" LIMESTONE, with increasing hardness.	FID = 0.0 ppm Sample = UL01 (TAL, TCL)
	15					Drilled 13"-15", no sample
	15.5	7-ST	0.5		LIMESTONE, light brown, friable, hard on bottom.	FID = 0.0 ppm
20.0	17					Sample refusal at 15.5' bgs Drilled 15.5"-17" bgs, no sample
	18	8-ST	1.0		LIMESTONE, light brown, soft.	FID = 0.0 ppm
	20	9-ST	1.0		As above, hard on bottom.	FID = 0.0 ppm
	21					Drilled 20"-21", no sample
	22	10-ST	1.5		LIMESTONE, tan with gray seams, hard friable, top 2" slough.	FID = 0.0 ppm
	24	11-ST	1.5		0-8" SILTY CLAY (CL), tan, wet, plastic. 8"-14" LIMESTONE, tan with gray seams (roots) grading into SHALE, tan to gray.	FID = 0.0 ppm
25.0	26	12-ST	1.8		0-8" SILTY FINE SANDY CLAY (CL), light brown, wet, possibly slough. 9"-20" SHALE, dry.	No FID reading
					Total Depth = 28' Location: Site k; west side of Area 1A	Boring terminated at 28' bgs

024880



PROJECT NUMBER

TXE65678.F1FS

BORING NUMBER

1A-S022

SHEET 1 OF

WELL COMPLETION LOG

024881

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8982584 E2468448

ELEVATION 568.51 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

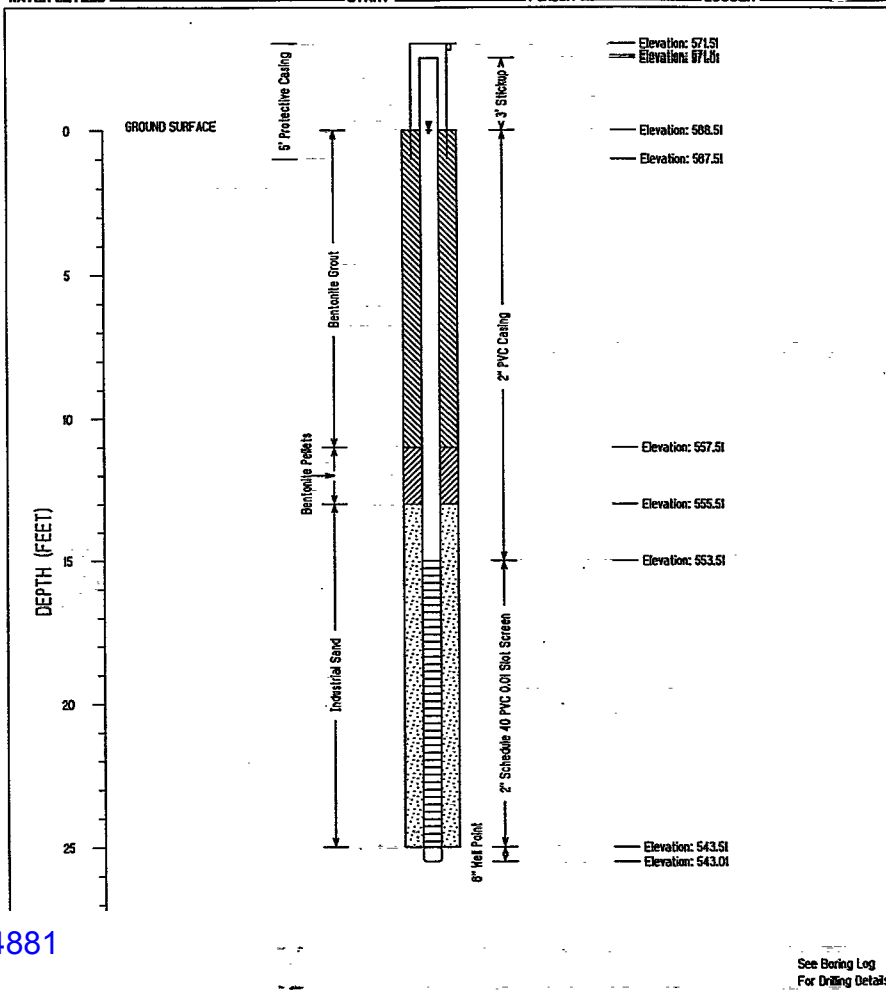
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 547 ft. MSL 4/4/95

START 04/04/95

FINISH 04/04/95

LOGGER M. Wilson



024881

PROJECT NUMBER
111432.FLFSBORING NUMBER
1A-S052

SHEET 1 OF

SOIL BORING LOG

024882

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6982723.24 E 2488543.94

ELEVATION 587.37 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD MWC-514)

WATER LEVELS None Observed

START 2/14/95

FINISH 2/14/95

LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0.00	1-DP	2.34		0-6", Organic Clay (OL) with gravel, dry, friable.	FID=Not operational Sample=UX01 (0-6") Sample=UX02 (6"-28") Sample=UL01 (0-6") (TAL)
	3.00				6"-28", Limestone, yellow-white, dry, friable, weathered, decreased weathering with depth.	
5.0					Total Depth=3'	Refusal at 3' bgs
					Location: Site 1; north central portion of Area 1A	Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

024882

CHRY HILL

PROJECT NUMBER
111432.FIFS

BORING NUMBER
1A-S083

SHEET 1 OF

SOIL BORING LOG

024883

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6962716 E 2488492

ELEVATION 566.66 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LAD07D WNC-514)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	0.58		0-3", Organic Clay (OL), dark brown, dry, hard, friable.	Driller notes that the core barrel is sliding around objects.
	2.0				3"-7", Limestone, yellow-white, dry, hard, friable, small slag pieces.	Sample=UX01 FID=0.0 ppm
	3.0	2-DP	0.83		Silty Clay (CL), dark gray with iron staining, dry, hard, friable, with small slag pieces.	Sample=UX02 FID=0.0 ppm
	4.0	3-DP	0.83		0-5", Organic Clay (CL), dark brown, dry, hard, friable.	FID=0.0 ppm
	8.0	4-DP	0.50		5"-10", Limestone, yellow-white, dry, friable, weathered, decreased weathering with depth.	FID=0.0 ppm
	8.0	5-DP	1.08		As above.	FID=0.0 ppm
10.0	10.0	6-DP	1.41		Limestone with sand and clay laminations, dry, friable.	FID=0.0 ppm
	12.0	7-DP	1.08		As above.	FID=0.0 ppm
	14.0	8-DP	1.58		Limestone with organics, yellow and black with black root zones, dry, friable.	FID=0.0 ppm
	16.0	9-DP	2.00		0-6", as above.	FID=0.0 ppm
15.0	18.0	10-DP	2.00		6"-24", Limestone, yellow-white, dry, friable, decreased weathering with depth.	FID=0.0 ppm
	18.0				0-18", as above.	FID=0.0 ppm
	20.0	11-DP	1.08		18"-24", Limestone with organics, yellow and black, dry, friable.	FID=0.0 ppm
	22.0	12-DP	2.00		Limestone, yellow-white, dry, friable.	FID=0.0 ppm
20.0	24.0	13-DP	2.00		0-10", as above.	FID=0.0 ppm
					10"-24", Silty Clay (CL), gray and tan mottled with iron staining, dry, hard, friable, calcareous nodules.	Sample=UX03
					0-18", Silty Gravel (GP), light brown, very wet.	No FID-wet
25.0					18"-24", Silty Clay (CL), gray and tan mottled with iron staining, dry, hard, friable, calcareous nodules.	
					Total Depth=24' Location: Site 1, west side of Area 1A	Refusal at 24' bgs Backfilled with bentonite plug and hydrated

024883



PROJECT NUMBER

TXE85678.FLFS

BORING NUMBER

1A-S083

SHEET 1 OF 1

SOIL BORING LOG

024884

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N8982715 E2488491

ELEVATION 566.66 ft. MSL

DRILLING CONTRACTOR Terra Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 545 ft. MSL 3/30/95

START 03/30/95

FINISH 03/30/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0				6" - 6" - 6" (N)	0-18" bgs, see previous boring log dated 2/15/95 (geoprobe).	
10.0						
15.0						
18						
20.0	18	1-ST	1.7		LIMESTONE, yellow-white, dry, friable.	FID = 0.0 ppm
22	20	2-ST	1.7		SILTY CLAY (CL), gray and tan mottled, moist, root zones visible, with weathered limestone and sand stringers.	FID = 0.0 ppm Sample = UL01 (TAL, TCL)
24	22	3-ST	1.5		0-10", as above. 10"-18", SILTY GRAVEL (GP), light brown, very wet, viscous.	FID = 1 ppm Water at 22" bgs
25.0	24	4-ST	1.3		0-11", SILTY GRAVEL (GP), as above, wet. 11"-16", SHALE, dark blue and tan mottled, with iron staining.	FID = 0.0 ppm
26	26				Total Depth = 26.5' Location: Site 1; west side of Area 1A	Refusal at 26.5' bgs

024884

**See Boring Log
For Drilling Details**

SOIL BORING LOG

024886

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8982477.45 E 2468502.8

ELEVATION 587.99 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADDTD WNC-514)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0					
	2.0	1-DP	1.17		0-8", Organic Clay (OL), dark brown with root zones, dry, friable. 6"-14" Limestone, with clay, yellow-white with brown mottling, dry, friable.	FID=0.0 ppm Sample=UX01
	4.0	2-DP	1.87		0-8", Sandy Clay (CL), with gravel, dark brown, dry, friable. 8"-20", Limestone, yellow-white, dry, friable.	FID=0.0 ppm
5.0	5.0	3-DP	NR		As above.	FID=0.0 ppm
					Total Depth=5"	Refusal at 5' bgs
					Location: Site to north side of trailer park	Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

024886



PROJECT NUMBER
111432.FLFS

BORING NUMBER
1F-S003

SHEET 1 OF 1

024887

SOIL BORING LOG

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6963219.304 E 2468512.862

ELEVATION 558.0 ft. MSL

DILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/14/95

FINISH 2/14/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
	0.00					
	2.00	1-DP	150		0-8", Organic Clay (OL) with gravel, dark brown, dry, friable, root zones throughout. 8"-18", Limestone, yellow-white, dry, hard, friable, decreasing weathering with depth.	FID=0 ppm Sample=UX01 (0-6") Sample=UX02 (6"-18")
5.0					Total Depth=2'	Refusal at 2' bgs
10.0					Location: Site 1; northeast side between 2 sheds	Backfilled with bentonite plug and hydrated
15.0						
20.0						
25.0						

024887

PROJECT NUMBER
TXE05878.F1FSBORING NUMBER
IF-S003

SHEET 1 OF

SOIL BORING LOG

024888

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6903219 E 2408513

ELEVATION 558.0 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 6" OD SSA

WATER LEVELS None observed

START 03/31/95

FINISH 03/31/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0	0					
1.5	1.5	N/A	1.08		ORGANIC CLAY AND WEATHERED LIMESTONE (CL), black and yellowish white interbedded, moist.	FID = 0.0 ppm
5.0	5				LIMESTONE, yellow-white, dry, weathered (from cuttings).	Driller unable to push past 1.5', drilled to 5' and attempted another push
10.0	10	N/A	N/A		LIMESTONE, yellow-white, dry, weathered (from cuttings).	Drilled through 5'-10' after push attempt
15.0	15				As above (from cuttings).	Drilled through 10'-15' after push attempt
20.0	20	N/A	N/A		As above (from cuttings).	Drilled through 15'-20' after push attempt
25.0	25	N/A	N/A		LIMESTONE, yellow-white, with a small portion of SILTY CLAY (CL), (from cuttings).	Drilled through 20'-25' after push attempt
					Interbedded SHALE and CHALK, dark blue and yellow mottled (from cuttings).	Drilled through 25'-29' after push attempt
			/A			
					SHALE, dark blue to gray.	

024888

PROJECT NUMBER
TXE85878.FIFSBORING NUMBER
IF-S003

SHEET 2 OF 2

SOIL BORING LOG

024889

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8983219 E 2468513

ELEVATION 558.0 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8" OD SSA

WATER LEVELS None observed

START 03/31/95

FINISH 03/31/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
35.0					Total Depth = 32.5' Location: Site 1; northeast side, between 2 sheds	Boring terminated at 32.5' bgs Backfilled with bentonite plug and hydrated
40.0						
45.0						
50.0						
55.0						

024889

PROJECT NUMBER
M432.FIFSBORING NUMBER
IF-S004

SHEET 1 OF 1

SOIL BORING LOG

024890

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8963289.447 E 2488515.908

ELEVATION 558.0 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY			COMMENTS
	0 LO	1-DP	100		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
					0-7" Organic Clay (OL), with gravel (<10%), dark brown with root zones, dry, friable. 7"-12", Limestone, yellow-white, weathered, dry, friable, decreasing weathering with depth. Total Depth=1'	FID=0.0 ppm Sample=UX01
5.0					Location: Site 1; northeast side, north of sheds	Refusal at 1' bgs Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

024890

PROJECT NUMBER
111432.F1.FSBORING NUMBER
IF-S005

SHEET 1 OF 1

SOIL BORING LOG

024891

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8983445.007 E 2468508.895

ELEVATION 558.0 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0 L75	1-DP	1.33		0-6", Organic Clay, (OL), dark brown, dry, hard, friable. 6"-16", Limestone, yellow-white.	FID=0.0 ppm Sample=UX01
6.0					Total Depth= 175'	Refusal at 175' bgs
10.0					Location: Site 1; northeast side, near house	Backfilled with bentonite plug and hydrated
15.0						
20.0						
25.0						

024891



PROJECT NUMBER

111432.FLFS

BORING NUMBER

IF-S006

SHEET 1 OF 1

SOIL BORING LOG

024892

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6983503.423 E 2488523.178

ELEVATION 580.0 ft. MSL

DRILLING CONTRACTOR TE6, INC. (D. Chestain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-614)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0					
	2.00	1-DP	1.83		0-12", Sandy Clay (CL), (fill material), dark brown, dry, friable. 12"-22", Limestone, yellow-white, dry, friable, decreasing weathering with depth.	FID=0.0 ppm Sample=UX01 (0-12") Sample=UX02 (12"-22")
5.0					Total Depth=2'	Refusal at 2' bgs
10.0					Location: Site 1; northeast side near house	Backfilled with bentonite plug and hydrated
15.0						
20.0						
25.0						

024892

PROJECT NUMBER
111432.F1FSBORING NUMBER
1F-S007

SHEET 1 OF 1

SOIL BORING LOG

024893

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6962494.81 E 2488535.45

ELEVATION 589.40 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD MNC-514)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0 2.00	1-DP	1.75		0-3". Organic Clay (OL), dark brown to black, dry, roots prevalent throughout. 3"-21". Limestone, yellow-white, dry, hard, friable.	FID=0.0 ppm Sample=UX01
5.0					Total Depth=2' Location: Site to north side of trailer park	Refusal at 2' bgs Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

024893

PROJECT NUMBER
111432.F1.FSBORING NUMBER
1F-S008

SHEET 1 OF 1

SOIL BORING LOG

024894

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8902529.1 E 2488587.84

ELEVATION 571.89 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WWC-514)

WATER LEVELS None Observed

START 2/15/95

FINISH 2/15/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0			6" - 6" - 6" (N)		
	2.0	1-DP	1.87		0-4", Organic Clay (OL), dark brown, dry, friable, roots prevalent throughout. 4"-20", Limestone with sand and clay, mottled brown, gray, and white, dry, friable.	FID=0.0 ppm Sample=UX01
	3.5	2-DP	1.00		0-3", as above. 3"-13", Limestone, yellow-white, dry, friable. Total Depth=3.5'	FID=0.0 ppm Refusal at 3.5' bgs Backfilled with bentonite plug and hydrated
5.0						
10.0						
15.0						
20.0						
25.0						

024894



PROJECT NUMBER

TXE95878.FIFS

BORING NUMBER

1F-S009

SHEET 1 OF 1

SOIL BORING LOG

024895

PROJECT RSR 003 Subsurface Soil Investigation

LOCATION N6902135 E2468282

ELEVATION 570 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8" OD SSA

WATER LEVELS None observed

START 04/04/95

FINISH 04/04/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 8" - 6" - 8" (N)	SOIL DESCRIPTION		COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION	
	0						
	2	1-ST	1.3		0-13", SILTY CLAY (CL), dark brown, moist. 13"-16", LIMESTONE, white, weathered.	FID = 0.0 ppm Sample = UX01	
	4	N/A	N/A		As above (from cuttings).	Switched to 8" OD Solid Stem Auger Drilled through 2'-4' bgs after push attempt	
5.0		N/A	N/A		LIMESTONE, gray, dry, lighter with increasing depth (from cuttings).	Drilled through after push attempt, 7'-11' bgs	
10.0	11	N/A	N/A		LIMESTONE, light gray, dry, (from cuttings).	Drilled through after push attempt, 11'-15' bgs	
15.0	15	N/A	N/A		As above (from cuttings).	Drilled through after push attempt, 15'-20' bgs	
20.0	20	N/A	N/A		As above (from cuttings).	Drilled through after push attempt, 20'-25' bgs	
25.0	25	N/A	N/A		SHALE, gray, softer (from cuttings).	Drilled through after push attempt to 32.5' bgs	

024895



PROJECT NUMBER
TXE65878.FLFS

BORING NUMBER
IF-S009

SHEET 2 OF 2

SOIL BORING LOG

024896

PROJECT RSR 003 Subsurface Soil Investigation

LOCATION N8982135 E2488262

ELEVATION 570 ft MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B01 Truck-Mounted 8" OD SSA

WATER LEVELS None observed

START 04/04/95

FINISH 04/04/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
32.5					Total Depth 32.5'	Boring terminated at 32.5' bgs
35.0					Location: Site 1, southeast side, directly south of trailer park and east of creek	
40.0						
45.0						
50.0						
55.0						

024896



PROJECT NUMBER

TXE85878.FLES

BORING NUMBER

1F-S010

SHEET 1 OF 2

SOIL BORING LOG

024897

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N6962281 E2488501

ELEVATION 570 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8" OD SSA

WATER LEVELS None observed

START 04/10/95

FINISH 04/12/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-ST	1.0		LIMESTONE AND SILTY CLAY (CH). light brown and yellow white, dry, plastic.	FID = 0.0 ppm Sample 0-2' = UX01 Sample 0-2' = UL01 (TAL, TCL)
	2					
	4	2-ST	0.4		0-4", as above. 4"-5", Asphalt material, black, hard, friable.	FID = not operational
	8	3-ST	1.4		0-13", LIMESTONE AND SILTY CLAY (CH), light brown and yellow white, dry, plastic. 13"-17", LIMESTONE, yellow-white, dry, friable.	
10.0					As above (from cuttings).	Drilled through 6"-8' bgs after push attempt
					As above (from cuttings).	Drilled through 8"-10' bgs after push attempt
					As above (from cuttings).	Drilled through 10"-15' bgs
15.0					As above (from cuttings).	Drilled through 15"-25' bgs
20.0						
25.0					25"-27", As above.	Drilled through 25"-29' bgs
					27"-29", SHALE, dark blue, dry, hard, friable.	
					Total Depth = 29'	Boring terminated at 29' bgs

024897

PROJECT NUMBER
TXE65678.F1.FSBORING NUMBER
IF-S010

SHEET 2 OF

SOIL BORING LOG

024898

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6982261 E2468501

ELEVATION 570 ft MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 6" OD SSA

WATER LEVELS None observed

START 04/10/95

FINISH 04/12/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
				0" - 6" - 8" (N)	Location: Site 1; southwest side, directly west of creek	
35.0						
40.0						
45.0						
50.0						
55.0						

024898

024899

Appendix A-2
Remedial Investigation Soil Boring Logs
and Well Construction Diagrams

Site 3

024899



PROJECT NUMBER

111432.E1.F5

BORING NUMBER

3A-S001

SHEET 1 OF 3

SOIL BORING LOG

024900

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8984470.75 E2453550.28

ELEVATION 438.34 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 389 ft. MSL 2/27/95

START 02/27/95

FINISH 02/27/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0					0-15", see previous boring log dated 2/9/95 (Strataprobe)	
15.0	15					
	15.5	1-ST	0.5		Landfill debris, paper, metal, etc.	FID = 0 ppm
	17	2-SS	1.3		SILTY CLAY (CH) dark gray to olive, dry, plastic.	
		3-ST	1.7		SILTY CLAY (CL) similar to above, less plastic.	FID = 0 ppm
20.0	19					
		4-SS	NR			
	21					
		5-SS	1.8		SILTY CLAY (CL) light gray, dry, friable.	FID = 10 ppm
	23					
		6-ST	1.8		Similar to above, slightly more plastic.	FID = 0 ppm
25.0	25					
		7-SS	1.8		SILTY CLAY (CL) olive to tan, very dry, hard, lean, friable.	FID = 60 ppm
					As above	FID = 50 ppm
					As above	FID = 30 ppm

024900



PROJECT NUMBER 111432.FLFS	BORING NUMBER 3A-S001	SHEET 2 OF 3
SOIL BORING LOG		

024901

PROJECT RSR OU3 Subsurface Soils Investigation LOCATION N8984470.75 E2453550.28
 ELEVATION 438.34 ft. MSL DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)
 DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA
 WATER LEVELS 369 ft. MSL 2/27/95 START 02/27/95 FINISH 02/27/95 LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	31				As above	FID = 20 ppm
	33	10-SS	1.8		Similar to above, some calcareous nodules.	FID = 0 ppm
	35	11-SS	1.5		As above.	FID = 40 ppm
	37	12-ST	1.7		As above.	FID = 60 ppm
	39	13-ST	1.8		As above.	FID = 50 ppm
40.0	41	14-ST	1.3		As above.	FID = 50 ppm
	43	15-ST	1.8		As above.	FID = 20 ppm
	45	16-ST	1.58		As above.	FID = 30 ppm
	47	18-ST	1.58		SILTY CLAY (CL), dark brown to olive, dry, very hard, friable, darker tan previous.	FID = 400 ppm
	49	19-ST	1.58		Similar to above, some SILTY CLAY (CH) interbedded, light brown, dry, plastic.	FID = 100 ppm
50.0	51	20-ST	1.5		SILTY CLAY (CL), dark gray, dry, very hard, friable, sand seam at 11"-14".	FID = 30 ppm
	53	21-ST	1.6		Similar to above, more sand interbedded, increasing sand with depth.	FID = 0 ppm
	55	22-ST	1.58		SILTY CLAY (CL), dark gray, dry, very hard, friable.	FID = 0 ppm
	57				Similar to above, with a sparse population of shells.	FID = 0 ppm
					SILTY CLAY (CL), gray and olive mottled, dry, very hard, friable.	FID = 4 ppm

024901

CRM HILL

PROJECT NUMBER
III432.FIFSBORING NUMBER
3A-S001

SHEET 3 OF 3

SOIL BORING LOG

024902

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6984470.75 E2453550.28

ELEVATION 438.34 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 389 ft. MSL 2/27/95

START 02/27/95

FINISH 02/27/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
65.0	61					
	25-ST		1.4		Similar to above, hard.	FID = 0 ppm
	63					
	28-ST		2.0		SILTY CLAY (CL), gray and tan mottled, dry, slightly plastic, some shells at 65"	FID = 0 ppm
	65					
70.0	27-ST		1.8		Similar to above, shells predominant in 65-66" bgs.	FID = 0 ppm
	67					
	28-ST		1.58		GRAVELLY LEAN CLAY WITH SAND (CL), brown to gray, moist, friable.	FID = 0 ppm
	69					
	29-ST		NR			FID = 0ppm Water in Shelby tube
75.0	70					
	30-ST		2.0		SHALE (CL), dark gray and tan mottled, dry, very hard.	FID = 0ppm
	72					
					Total Depth=72'	Boring terminated at 72' bgs
					Location: Site 3; northwest corner of Area 3A	

024902



PROJECT NUMBER

111432.FTFS

BORING NUMBER

3A-S001

SHEET 1 OF 1

WELL COMPLETION LOG

024903

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8964470.75 E2453550.28

ELEVATION 438.34 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

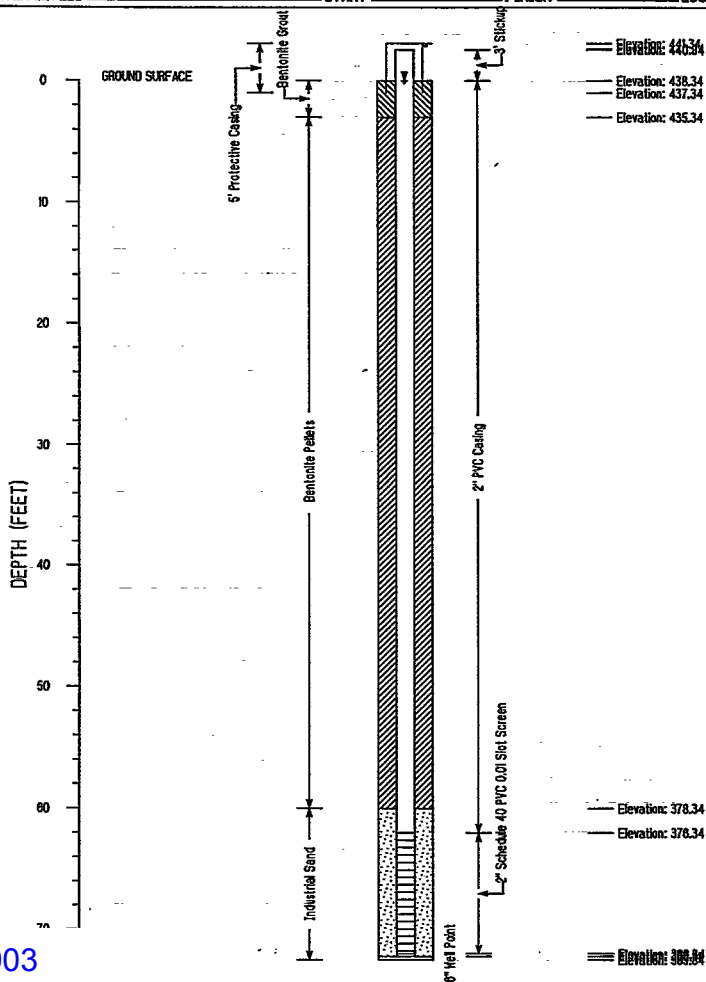
DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 389 ft. MSL 2/27/95

START 02/27/95

FINISH 02/27/95

LOGGER M. Burkhardt



024903

See Boring Log
For Drilling Details



PROJECT NUMBER

TXE05078.FLFS

BORING NUMBER

3A-S004

SHEET 1 OF 1

SOIL BORING LOG

024904

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N6964478.18 E2453557.38

ELEVATION 440.89 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 429 ft. MSL 3/10/95

START 03/10/95

FINISH 03/10/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 8" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-10', see previous boring log dated 2/18/95 (geoprobe). 0-10', SILTY CLAY (CL), olive-gray (from cuttings).	
10.0	10					
	12	1-ST	L1		SILTY CLAY (CL), light gray, dry, friable, with approximately 20% landfill debris (paper, glass, insulation).	FID = 1000 ppm Sample = UX01
	14	2-ST	L2		As above, wet, with approximately 50% landfill debris.	FID = 400 ppm
15.0	16	3-ST	L0		As above, moist, with approximately 80% landfill debris.	FID = 8 ppm
20.0					Total Depth = 16' Location: Site 3; northeast side of Area 3A	No samples collected due to landfill debris Boring terminated at 16' bgs
25.0						

024904



PROJECT NUMBER

TXE65878.FIFS

BORING NUMBER

3A-S004

SHEET 1 OF

WELL COMPLETION LOG

024905

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8984476.18 E2453557.38

ELEVATION 440.88 ft. MSL

DRILLING CONTRACTOR

Terra-Mar, Inc. (C. Rigby - Driller)

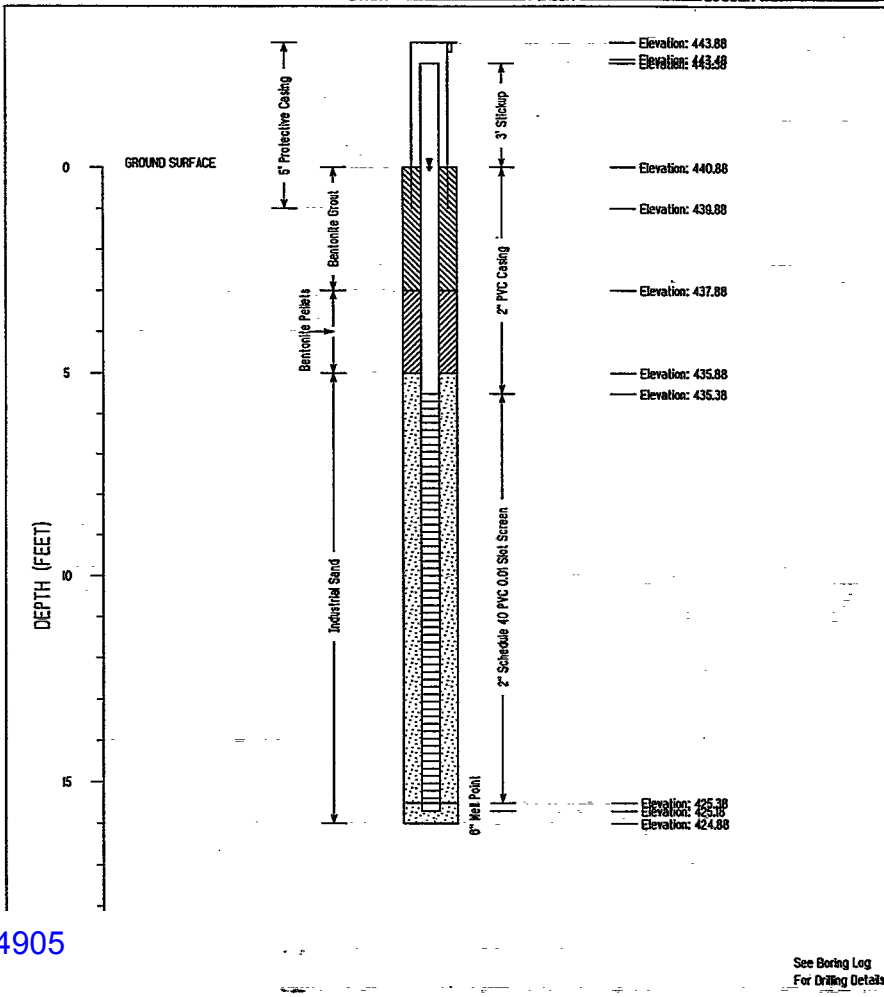
DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 429 ft. MSL 3/10/95

START 03/10/95

FINISH 03/10/95

LOGGER M. Burkhardt



024905

See Boring Log
For Drilling Details

PROJECT NUMBER
11432.FLFSBORING NUMBER
3A-S005

SHEET 1 OF 1

SOIL BORING LOG

024906

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6984090.81 E2454209.18

ELEVATION 439.97 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 431.97 ft. MSL 3/27/95

START 03/27/95

FINISH 03/27/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	1.4		CLAY WITH GRAVEL (CL) (~5%), olive, dry, hard, very dense	Note - top 6" is concrete FID = 30ppm Sample = UX01
	2				As above, gravel ~15%, dry, hard	FID = 100ppm
	4	2-ST	1.8		As above, dry, gravel ~5%	FID = 7000ppm (No noticeable odor)
	6	3-ST	1.8		As above, dry, some calcareous material in gravel	FID = 0ppm Sample 6-8" = UX02 Sample 8-8" = UL01 (TAL, TCL)
	8	4-ST	1.2			
	10	5-ST	1.8		SILTY CLAY WITH GRAVEL (CH), olive, wet, ~40% gravel, highly plastic	No FID, wet Water at 8' bgs.
10.0	12	6-ST	1.5		CLAY (CL), dark bluish/gray, wet, hard, friable	No FID, wet
	14	7-ST	1.58		0-12" SILTY CLAY WITH GRAVEL (CH), light brown/dark gray mottled, wet, friable 12-18" CLAY (CL), dark gray/bluish, wet, paper and wood visible	FID = 0ppm
	16	8-ST	1.0		Landfill debris, wet, wood waste, paper	FID = 30ppm
	18	9-ST	1.8		CLAY (CL), dark blue/grayish, wet, very hard, wood pieces visible	FID = 20ppm
20.0	20	10-ST	1.58		SILTY CLAY (CL), brown/olive, moist, hard, very dense, wood waste at bottom	FID = 0ppm
	22	11-ST	1.7		SILTY CLAY (CL), as above, dark brown/olive, dry, very dense	FID = 0ppm
	24	12-ST	0.8		SILTY CLAY (CL), light brown/tan, dry, very dense, slightly more plastic than previous	FID = 0ppm
	26.0				Total Depth=24' Location: Site 3; East Side of Area 3A	Boring terminated 24' bgs

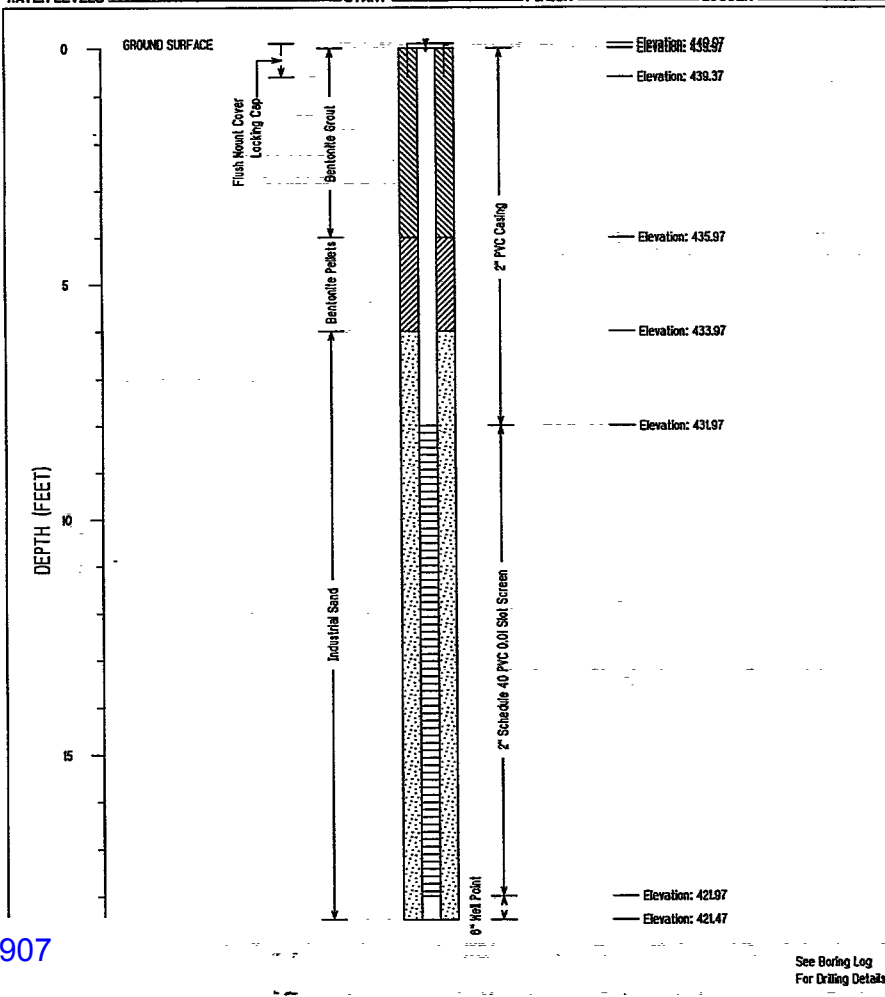
024906



PROJECT NUMBER III432.FJFS	BORING NUMBER 3A-S005	SHEET 1 OF
WELL COMPLETION LOG		

024907

PROJECT RSR 003 Groundwater Investigation LOCATION N8984090.81 E2454209.18
ELEVATION 439.97 ft. MSL DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA
WATER LEVELS 431 ft. MSL 3/27/95 START 03/27/95 FINISH 03/27/95 LOGGER M. Burkhardt



024907

SOIL BORING LOG

024908

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8984214.45 E2455054.25

ELEVATION 443.07 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 415.07 ft. MSL 4/7/95

START 04/07/95

FINISH 04/07/95

LOGGER M. Burhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	1				0-8", concrete.	
	2	1-ST	0.8		SILTY CLAY WITH SAND (CL), light brown, dry, friable, gravel (~10%) (fin).	FID = 0ppm Sample=UX01
	3	2-ST	0.9		As above, asphalt at bottom.	FID = 0ppm
	4					Drilled through 3-4' ft. bgs
10.0	5	3-ST	1.5		0-18", SILTY CLAY (CL), olive/dark gray, dry, very dense.	FID = 50ppm
	6				18-18", GRAVELLY SAND (SM), dark brown, moist, unconsolidated.	
	7	4-ST	1.7		CLAY (CL), dark brown/olive, dry, very hard, dense, mica visible in core.	FID = 1500ppm
	8					
15.0	9	5-ST	1.7		CLAY (CL), light brown, dry, hard, dense.	FID = 30ppm
	10					
	11	6-ST	1.8		0-10", as above. 10-22", SILTY CLAY (CL), dark gray, hard, dense, with some gravel.	FID = 8ppm
	12					
20.0	13	7-ST	2.0		SILTY CLAY (CL), light brown/tan, dry, hard, dense.	FID = 80ppm Sample=UL03 (geotechnical parameters) (13-18')
	14					
	15	8-ST	1.58		Collected for geotechnical analysis.	
	16					
25.0	17	9-ST	1.3		CLAY (CL), light brown, dry, hard, dense, some gravel (~5%).	FID = 0ppm
	18					
	19	10-ST	1.7		CLAY (CL), light brown, some gray mottling, dry, hard, dense.	FID = 0ppm
	20					
30.0	21	11-ST	1.7		CLAY (CL), light brown/dark blue mottled, lean, friable, blue portion resembles Eagle Ford Shale.	FID = 0ppm
	22					
	23	12-ST	1.5		CLAY (CL), light brown/dark blue mottled, with iron staining, dry, very friable.	FID = 0ppm
	24					
35.0	25	13-ST	1.8		As above, decreasing mottling to dark blue with depth.	FID = 0ppm
	26					
40.0	27	14-ST	1.7		CLAY (CL), dark blue with some light brown interbedded, dry, very friable, dense.	Sample=UL01 (TAL, TCL) Sample=UX02
	28					
45.0	29				0-5", SILTY CLAY (CH), tan, moist, plastic.	Sample=UL04 (geotechnical parameters) (29-32')
	30				5-11", SILTY GRAVEL (GP), dark blue, wet, unconsolidated.	Water at 28' bgs.

024908



PROJECT NUMBER

111432.FIFS

BORING NUMBER

3A-S008

SHEET 2 OF

024909

SOIL BORING LOG

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N8984214.45 E2455054.25

ELEVATION 443.07 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 415.07 ft. MSL 4/7/95

START 04/07/95

FINISH 04/07/95

LOGGER M. Burhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	30	18-ST	1.8		Collected for geotechnical analysis.	
	32					
35.0					Total Depth=32'	Boring terminated 32' bgs
					Location: Site 3; East of Freight Facility of Area 3A	
40.0						
45.0						
50.0						
55.0						

4909

024909



PROJECT NUMBER

111432.EI.FS

BORING NUMBER

3A-S006

SHEET 1 OF 1

WELL COMPLETION LOG

024910

PROJECT RSR OU3 Groundwater Investigation

LOCATION N6984214.45 E2455054.25

ELEVATION 443.07 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

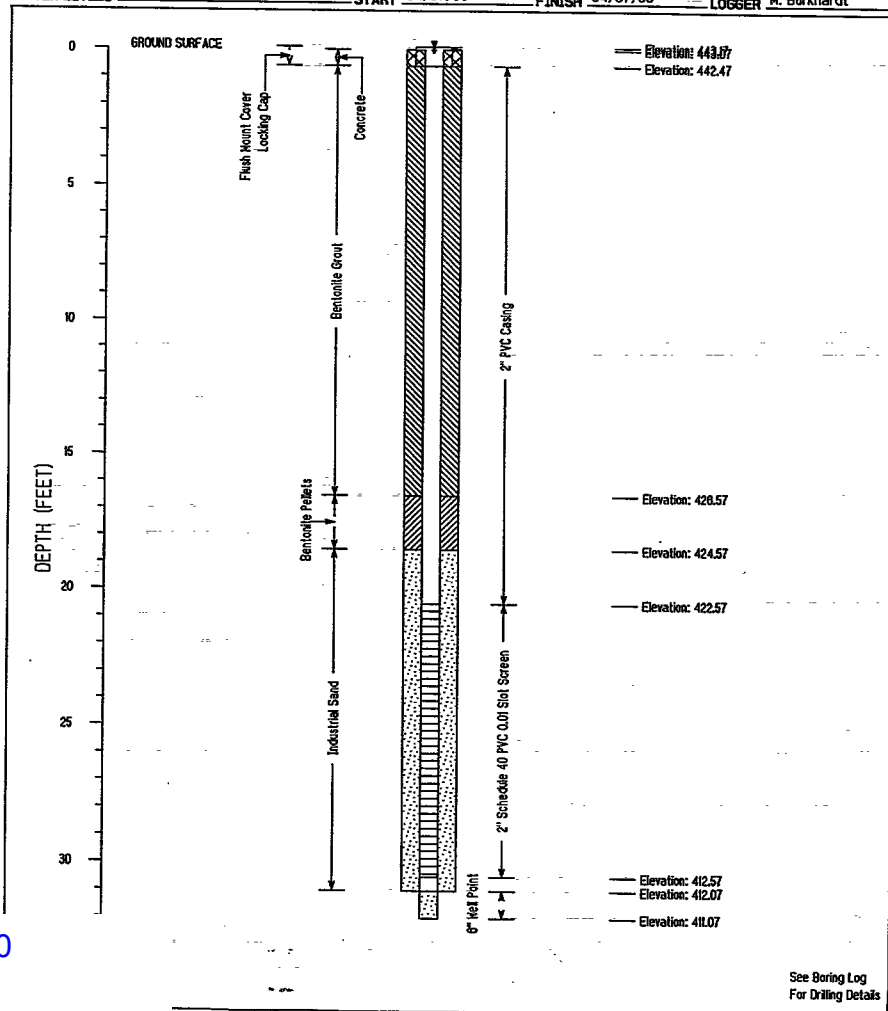
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 415 ft. MSL 4/7/95

START 04/07/95

FINISH 04/07/95

LOGGER M. Burkhardt



024910

PROJECT NUMBER
111432.FLFSBORING NUMBER
3B-S003

SHEET 1 OF

SOIL BORING LOG

024911

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6982770.30 E 2453082.50

ELEVATION 425.32 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WNC-514)

WATER LEVELS 407 ft MSL 2/8/95

START 2/8/95

FINISH 2/8/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
	0					
		1-DP	0.59		Silty Clay (CL), brown, slightly moist, plastic, Organic (OL) horizon at 6".	FID=0 ppm Sample=UX01
	3.0					
		2-DP	0.75		Similar to above, organic matter, calcification in root casts, some landfill debris (metal pieces).	FID=20 ppm
5.0	6.0					
		3-DP	3.00		Similar to above, with no organics.	FID=90 ppm
	9.0					
10.0		4-DP	1.17		As above.	FID=0 ppm
	12.0					
		5-DP	0.84		Similar to above, increased silt content.	FID=300 ppm
15.0	15.0					
		6-DP	0.92		As above.	FID=90 ppm
	18.0					
20.0		7-DP	1.92		0-8", Silty Fine Sandy Clay (CL), light brown to olive, saturated. 9"-23", Silty Clay (CL), oxidation in root traces and on partings.	FID=0 ppm Water at 18'
	21.0					
					Total Depth=21' Location: Site 3; west side of Area 3B	Water Sample=6001 (TAL) Backfilled with bentonite plug and hydrated
25.0						

024911

PROJECT NUMBER
111432.F1.FSBORING NUMBER
3B-S003

SHEET 1 OF

SOIL BORING LOG

024912

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6962788.79 E2453081.53

ELEVATION 425.18 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 404.18 ft. MSL 5/18/95

START 05/18/95

FINISH 05/18/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0					See previous boring log for 0-19" interval dated 2/8/95	
10.0						
15.0						
19						
20.0		1-ST	1.5		SILTY CLAY (CL), brown gray mottled, slightly moist, slightly plastic.	FID = 20ppm Sample=UL01 (TAL, TCL) (18-20')
		2-ST	1.58		Same as above.	FID = 50ppm
		3-ST	1.8		SILTY CLAY WITH SAND AND GRAVEL (CL), brown, very moist, plastic.	FID = 0ppm
25.0		3-ST	NR			
27					SILTY CLAY WITH SAND AND GRAVEL (CL), brown, slightly moist on bottom (collected geotech core).	Sample=UL02 (geotechnical parameters) (27-35')

024912

PROJECT NUMBER
IN432.FIFSBORING NUMBER
3B-S003

SHEET 2 OF

SOIL BORING LOG

024913

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6962768.79 E2453081.53

ELEVATION 425.18 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 404.18 ft. MSL 5/18/95

START 05/18/95

FINISH 05/18/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 8" - 6" - 8" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	31					
		6-ST	1.08		SILTY CLAY (CL) brown, slightly moist, slightly plastic.	FID = Oppm
	33				As above.	FID = Oppm
		7-ST	1.4			
	35				As above.	FID = Oppm
		8-ST	2.0			
40.0	37					
		9-ST	1.9		SILTY CLAY (CL) brown with gray mottling, slightly moist, slightly plastic.	FID = Oppm
	39					
		10-ST	1.58		CLAY WITH SILT (CL) brown-gray mottled, slightly moist.	FID = Oppm Sample=UL03 (TAL TCL) Sample=UL03 (geotechnical parameters) (38-41)
	41					
		11-ST	1.4		0-4", same as above. 4-9", CLAY WITH SILT (CH) brown, very moist. 9-17" CLAY (CL) brown gray mottled, slightly moist.	FID = Oppm
45.0	43					
		12-ST	1.58		0-13" as above. 13-15" CLAY WITH SILT (CH) brown, very moist.	FID = Oppm Strong odor
	45				15-19" CLAY WITH SILT (CL) olive, slightly moist.	
		13-ST	1.8		0-13" as above. 13-18" CLAY WITH SILT (CH) brown, very moist.	FID = Oppm
	47				18-22" CLAY WITH SILT (CL) olive, slightly moist.	
		14-ST	1.7		0-13" CLAYEY SILT (MH) olive, slightly moist, elastic.	FID = Oppm
50.0	49				13-15" CLAY WITH SILT (CH) brown, very moist. 15-21" CLAYEY SILT (MH) olive, slightly moist, elastic.	FID = Oppm
		15-ST	1.8			
	51				0-7" CLAY WITH SILT (CH) olive, slightly moist. 7-14" CLAYEY SILT (MH) olive, slightly moist, elastic.	FID = Oppm
		18-ST	1.4		14-22" CLAY SAND (SC) olive gray mottled, slightly moist.	
	53				0-7" CLAYEY SILT (MH) olive, slightly moist, elastic.	FID = Oppm
		17-ST	1.8		7-8" SILT AND SAND (ML) brown, wet. 8-17" CLAYEY SAND (SC) olive, slightly moist.	FID = Oppm
55.0	55					
		18-ST	1.8		0-16" as above, very moist to wet. 16-20" CLAY WITH SILT (CL) olive gray mottled, slightly moist.	
	57				0-16" CLAY (CL) olive gray mottled. 16-22" SCALE. Total Depth=57.0'	Boring terminated 57' bgs

Location: Site 3; Southwest Corner of 3B

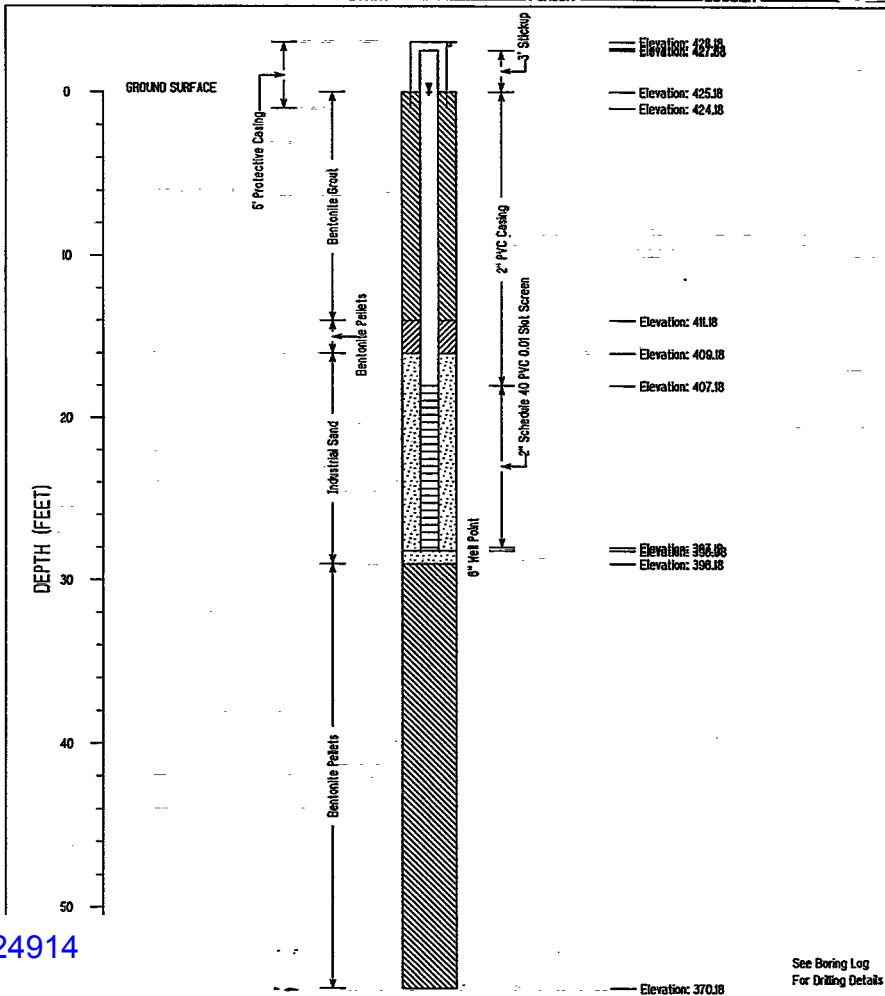
024913



PROJECT NUMBER	BORING NUMBER
111432.FILES	38-S003
SHEET 1 OF	
WELL COMPLETION LOG	

PROJECT RSR OU3 Groundwater Investigation LOCATION N6962768.79 E2453081.53
ELEVATION 425.18 ft. MSL DRILLING CONTRACTOR Total Support Services
DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA
WATER LEVELS 404 ft. MSL 5/18/95 START 05/18/95 FINISH 05/18/95 LOGGER C. Clay

024914



024914

See Boring Log
For Drilling Details



PROJECT NUMBER

111432.F1.FS

BORING NUMBER

3B-S009

SHEET 1 OF 1

SOIL BORING LOG

024915

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8983259.13 E2453172.08

ELEVATION 432.01 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 425.01 ft. MSL 3/8/95

START 03/08/95

FINISH 03/09/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	0.9		SILTY CLAY (CH), light brown/olive, moist, highly plastic, some gravel (<5%).	FID = 0ppm Sample 0-2' = UX01
	2	2-ST	1.3		As above, slightly less plastic.	FID = 0ppm Sample 3-6' = UL01 (TAL, TCL)
	4	3-ST	1.3		SILTY CLAY (CL), light brown, dry, hard, friable, some gravel. (<5%)	FID = 2ppm Sample 4-6' = UX02
	6	4-ST	0.8		SILTY CLAY (CL), black, wet, and landfill debris (50%) includes paper, glass, and battery chips.	No FID, wet Sample 6-8' = Full TCLP Note: UL02 was a duplicate
	8	5-ST	1.0		Trash, landfill debris (glass, paper, wood).	No FID, wet
10.0	10					Drilled through 10-13' bgs
15.0	13	6-SS	NR			
	15	7-SS	NR			
	17	8-SS	NR			
	19	9-SS	NR		SILTY CLAY (CL), dark gray, wet, landfill debris (60%) paper, glass, wood, possibly slough.	No FID, wet
20.0	21	10-SS	NR			
25.0	23	11-SS	NR			
	25	12-SS	NR			
	27					

024915

BORING NUMBER
38-S009

SHEET 2 OF 2

SOIL BORING LOG

024916

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N8983259.13 E2453172.08

ELEVATION 432.01 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 425.01 ft. MSL 3/8/95

-START 03/08/95

FINISH 03/09/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
31						
33		14-SS	NR		No recovery	Note: moved over, drilled to 17' bgs. and proceeded to set well
35		15-SS	NR		No recovery	
36.0					Total Depth=35' Location: Site 3; West side of Area 3B	Boring terminated 35' bgs
40.0						
45.0						
50.0						
55.0						

024916



PROJECT NUMBER

H1432.F1.F5

BORING NUMBER

3B-S009

SHEET 1 OF

WELL COMPLETION LOG

024917

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8963259.13 E2453172.08

ELEVATION 432.01 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

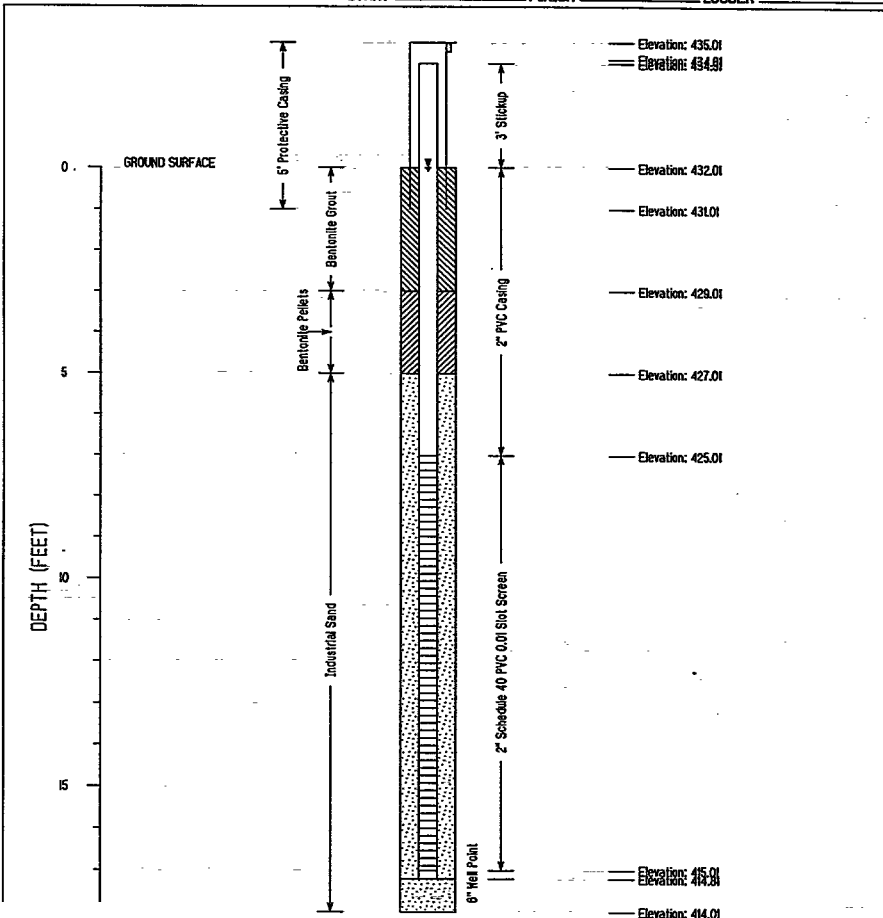
DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 425 ft. MSL 3/8/95

START 03/08/95

FINISH 03/09/95

LOGGER M. Burkhardt



024917

See Boring Log
For Drilling Details

CHM HILL

PROJECT NUMBER

111432.FIFS

BORING NUMBER

3B S024

SHEET 1 OF 1

SOIL BORING LOG

024918

PROJECT RSR OU3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8983348.15 E 2453365.02

ELEVATION 439.02 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADDTD WMC-514)

WATER LEVELS None Observed

START 2/9/95

FINISH 2/9/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	1.50		Silty Clay (CL), gray and tan mottled, dry, plastic, asphaltic material at top.	FID=10 ppm Sample=UX01
	3.0	2-DP	1.09		0-9", as above, with poorly graded sand seams. 9"-13", landfill debris (carpet, plastic) with Organic material (OL).	FID=700 ppm
	8.0	3-DP	1.34		Landfill debris (wood, paper, plastic); dry.	FID=300 ppm
10.0	9.0	4-DP	0.09		Landfill debris (paper).	No FID reading
	12.0				Total Depth=12' Location: Site 3; northwest side of Area 3B	Boring terminated at 12.0' due to FID readings 200-1000 ppm sustained Backfilled with bentonite plug and hydrated
15.0						
20.0						
25.0						

024918

PROJECT NUMBER
111432.FLFSBORING NUMBER
3B-S041

SHEET 1 OF 1

SOIL BORING LOG

024919

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8362789.37 E 2453717.59

ELEVATION 435.02 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LAD00D WMC-514)

WATER LEVELS 409 ft MSL 2/8/95

START 2/8/95

FINISH 2/8/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -8" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-DP	.50		0-3" Silty Clay (CL) medium brown to olive, moist, slightly friable.	FID=Not operational LEL=50% Insufficient recovery for XRF analysis
	3.0	2-DP	.50		Road base gravel at top. Silty Clay (CL) medium brown, very slightly moist, tight, plastic.	LEL=50% Sample=UX01
	6.0	3-DP	0.84		Similar to above, siltier at top, tighter at base.	LEL=0%
10.0	9.0	4-DP	1.0		As above.	LEL=0%
	12.0	5-DP	3.00		Clay (CL) dark brown, dry, very tight, with some silica.	LEL=0%
	15.0	6-DP	0.50		As above.	LEL=0%
20.0	18.0	7-DP	0.92		As above.	LEL=0%
	21.0	8-DP	1.92		As above.	LEL=0%
	24.0	9-DP	2.00		As above.	LEL=0%
25.0	26.0	10-DP	1.34		Silty Clay (CL) medium light reddish brown, slightly moist, middle 8" saturated.	LEL=0% Water at 26"
					Total Depth=28' Location: Site 3, south side of Area 3B	Backfilled with bentonite plug and hydrated

024919

PROJECT NUMBER
TXE65678.FLFSBORING NUMBER
38-S041

SHEET 1 OF 3

SOIL BORING LOG

024920

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6962779.69 E2453705.24

ELEVATION 436.33 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 388 ft. MSL 5/16/95

START 05/15/95

FINISH 05/16/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -8" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RA DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0						
10.0						
15.0						
20.0						
25.0	25					
		I-ST	1.8		SILTY LEAN CLAY (CL) brown and gray mottled, very slightly moist, slightly plastic, thin layer (<1") of concrete at the top.	FID = 300 ppm
			.8		SILTY LEAN CLAY (CL) brown and gray mottled, very slightly moist, slightly plastic.	FID = 200 ppm
			.8		Similar to above, with plant roots, dry.	FID = 80 ppm

024920



PROJECT NUMBER

TXE65678.F1FS

BORING NUMBER

38-S041

SHEET 2 OF 3

SOIL BORING LOG

024921

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6962779.69 E2453705.24

ELEVATION 436.33 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 388 ft. MSL 5/16/95

START 05/15/95

FINISH 05/16/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	31				As above.	FID = 8 ppm
	33	4-ST	1.5			
	35	5-ST	1.58		0-8", as above. 8"-16", SILTY LEAN CLAY (CL) brown and gray mottled, slightly plastic, dry, with very fine interlayered sand (SP) moist, roots.	FID = 0.0 ppm
	37	8-ST	1.58		SILTY FINE SANDY CLAY (CL) brown and gray mottled, dry, slightly plastic, lean, some roots.	FID = 0.0 ppm
	39	7-ST	1.3		As above.	FID = 10 ppm
40.0	41	8-ST	1.4		Similar to above, no fine silty sand.	FID = 10 ppm
	43	9-ST	1.5		Similar to above with some calcite crystallization.	FID = 10 ppm
	45	10-ST	1.5		SILTY CLAY (CL) brown white mottled (mottling may be calcite crystals), dry, lean, slightly plastic, some roots.	FID = 6 ppm
	47	11-ST	1.2		As above, moist at bottom.	FID = 6 ppm Sample = UL02 (TAL, TCL) Approximately 2" of H ₂ O in boring
50.0	49	12-ST	1.9		Similar to above, but dry, friable.	FID = 0.0 ppm Approximately 3" of H ₂ O in boring, outside of tube is wet
	51	13-ST	1.8		0-13", as above. 13"-16", CLAYEY SILTY FINE SAND (SW-SM) brown, wet. 16"-22", SILTY CLAY (CL) brown, gray and black mottled, dry, lean.	Sample = UL03 (geotechnical parameters) (49"-52")
	53	14-ST	1.5		0-6", As above, moist. 6"-10", CLAY WITH SILT (CH) brown, very moist. 10"-18", CLAY WITH SILT (CL) brown, slightly moist.	Approximately 10" of H ₂ O accumulated in the boring overnight
	55	15-ST	2.0		CLAY WITH SILT (CL) brown and gray mottled, slightly moist.	FID not operational
55.0	57	16-ST	1.9		0-16", As above. 16"-17", CLAY WITH SILT (CH) brown, very moist. 17"-23", CLAY WITH SILT (CL) brown, slightly moist.	
					0-20", CLAY WITH SILT (CL) olive, dry. 20"-21", CLAY WITH SILT (CH) brown, very moist. 21"-23", CLAY WITH SILT (CL) olive, dry.	

024921

PROJECT NUMBER
TXE85878.FIFSBORING NUMBER
3B-S041

SHEET 3 OF 3

SOIL BORING LOG

024922

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8902779.89 E2453705.24

ELEVATION 438.33 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Track-Mounted 8 1/4" OD HSA

WATER LEVELS 388 ft. MSL 5/16/95

START 05/15/95

FINISH 05/16/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
65.0	61				Similar to above, slightly moist, slightly plastic.	
		19-ST	2.0		Similar to above, slightly moist, with some fine grained sand.	
	63					
		20-ST	1.6		Similar to above with some calcite crystallization.	
	65					
		21-ST	1.58		SILTY CLAY (CL), olive and gray mottled, dry, lean, calcite crystallization.	Driller checked for water at 65', bit was dry
70.0	67					
		22-ST	1.8		0-14", As above. 14"-22", SHALE, dry.	
	69					
		23-ST	2.0		SHALE, dry.	Sample = UL01 (geotechnical parameters) (88-71')
75.0	71					
					As above.	Drilled through 71'-72.5' bgs
	72					
	72.5				Total Depth = 72.5' Location: Site 3; south side of Area 3B	Boring terminated 72.5' bgs
80.0						
85.0						

024922



PROJECT NUMBER

TXR65878.F1.F5

BORING NUMBER

3B-S041

SHEET 1 OF

WELL COMPLETION LOG

024923

PROJECT RSR 003 Groundwater Investigation

LOCATION N8982779.89 E2453705.24

ELEVATION 438.33 ft. MSL

DRILLING CONTRACTOR Total Support Services

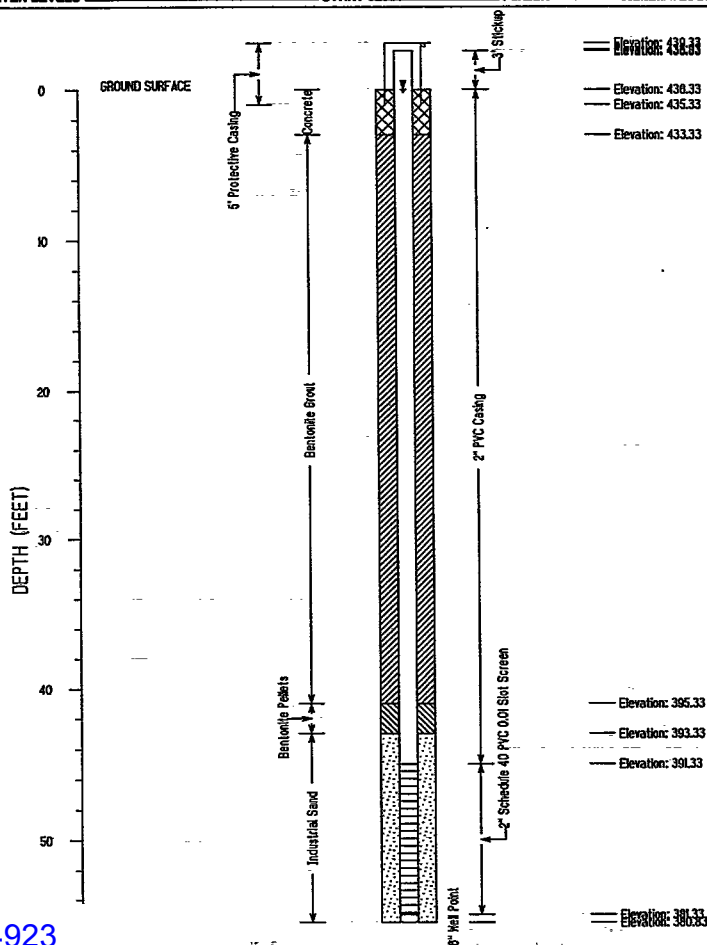
DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 388 ft. MSL 5/18/95

START 05/15/95

FINISH 05/18/95

LOGGER C. Clay



024923

See Boring Log
For Drilling Details

024924

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NUMBERING PURPOSES ONLY.**

024924



PROJECT NUMBER

111432.FTFS

BORING NUMBER

3B-S047

SHEET 1 OF 1

SOIL BORING LOG

024925

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8963145.75 E 2453879.72

ELEVATION 437.03 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WWC-514)

WATER LEVELS 434 ft MSL 2/10/95

START 2/10/95

FINISH 2/10/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0						Surface debris prevented using the core barrel from 0-3'
3.0						
6.0		1-DP	2.17		0-18" Sandy Gravel (GP) (fill material), olive, wet. 18"-26" Silty Clay (CH), gray and tan mottled, moist.	Water at 3' FID=0.0 ppm Sample=UX01 Switched to piston sampler at 6'
9.0						
11.0						
12.0		2-DP	NR		Landfill debris (paper, plastic), dry.	FID=150 ppm Water not observed below the upper fill material No recovery due to landfill debris not providing enough resistance to move piston
15.0						
18.0		3-DP	NR			
20.0						
21.0		4-DP	0.33		Silty Clay (CH), dry, with significant landfill debris (wood and plastic).	FID=50 ppm (100% LEL in borehole)
25.0						
25.0		5-DP	NR			
26.0					Total Depth=26.0' Location: Site 3; northeast corner of Area 3B	Boring terminated due to CGI reading Backfilled with bentonite plug and hydrated

024925

BORING NUMBER

TXF65678.F1FS

3B-S047

SHEET 1 OF

SOIL BORING LOG

024926

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6983145.75 E2453879.72

ELEVATION 437.03 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby and M. Chism - Drillers)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 435 ft MSL 4/8/95

START 04/08/95

FTNISH 05/02/95

LOGGER M. Burkhardt, M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 8" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0 2	1-ST	2.0		ASPHALT AND CLAY WITH GRAVEL (rim), black, dry, friable.	FID = 6 ppm Sample = UL01 (TAL, TCL) (0-2')
	4	2-ST	1.9		0-8" similar to above, but wet. 8"-23", SILTY CLAY (CL), light brown and gray, moist, dense.	FID = 3 ppm Water at 2' bgs.
	8	3-ST	1.8		Similar to above, wet.	FID = 12 ppm
	8	4-ST	1.8		Similar to above, moist.	FID = 2 ppm
	10.0	10	5-ST	1.8		0-12". As above, moist. 12"-22", SILTY CLAY (CH), light brown and black mottled, moist, plastic, with landfill debris (paper and plastic).
15.0	12	8-ST	NR			
	14	7-SS	NR			
	18	8-SS	NR			
	18	9-SS	0.1		Landfill debris (battery chips and plastic), wet.	FID = 10 ppm
	20.0	20	10-SS	NR		Battery chips in split spoon (stough)
25.0	22	11-ST	0.5		Landfill debris.	FID = 500 ppm with charcoal filter
	25					Drilled through 22'-25' bgs due to landfill debris
		12-ST	NR			
		NR				
						Drilled through 29'-30' bgs due to landfill debris

024926

PROJECT NUMBER
TXE85878.FLFSBORING NUMBER
3B-S047

SHEET 2 OF

SOIL BORING LOG

024927

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8963145.75 E2453870.72

ELEVATION 437.03 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby and M. Chism - Drillers)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 435 ft MSL 4/8/95

START 04/08/95

FINISH 05/02/95

LOGGER M. Burkhardt, M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	30				Landfill debris.	
	32	14-ST	0.3			
						Drilled through 32"-35" bgs due to landfill debris
35.0	35				Landfill debris.	
	37	15-ST	0.2			
						Drilled through 37"-40" bgs due to landfill debris
40.0	40					
	42	8-ST	NR			
	44	7-ST	NR			
45.0	46	8-SS	1.5		CLAY (CH), brown, dry, plastic.	FID=1000 ppm
					Total Depth = 46' Location: Site 3; northeast side of Area 3B	Boring terminated at 46" bgs due to high vapors (>10,000ppm) Backfilled with bentonite plug and hydrated
50.0						
55.0						

024927

024928

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024928

84048-002

PROJECT NUMBER

111432.F1.F5

BORING NUMBER

3B S055

SHEET 1 OF 1

SOIL BORING LOG

024929

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6962901.52 E 2454008.47

ELEVATION 437.43 ft MSL

DRILLING CONTRACTOR

TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT

STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/10/95

FINISH 2/10/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
0		1-DP	2.59		Clayey Sand (SP), tan to white with calcareous concretions, fill material, dry.	FID=120 ppm Sample=UX01 FID=180 ppm
3.0						
4.0	2-DP	0.75			Similar to above, slightly darker (fill material).	Refusal at 4' bgs
5.0					Total Depth=4' Location: Site 3; east side of gravel road adjacent to Area 3B	Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

24929

024929

024930

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024930

84048-003

PROJECT NUMBER
TXE06078.FLFSBORING NUMBER
3B-S058

SHEET 1 OF

SOIL BORING LOG

024931

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N0902905.68 E2453979.06

ELEVATION 438.77 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile 861 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 434 ft. MSL 5/2/95

START 05/02/95

FINISH 05/02/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 0" - 6" - 8" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
	0					
	2	1-ST	LO		0-10", SILTY CLAY (CL), brown and gray mottled, moist, slightly plastic. 10"-12", landfill debris, including battery chips.	FID = 600 ppm Sample = UX01 Sample = UL01 (TAL, TCL)
						Drilled through wet landfill debris
6.0	5					
	7	2-ST	NR			Landfill debris in cuttings
						Drilled through landfill debris (carpet)
10.0						
	15					
15.0	17	3-ST	LB		SILTY CLAY (CL), brown, moist, plastic.	FID = 0.0 ppm
					Total Depth = 17" Location: Site 3; east side of Area 3B	Boring terminated at 17' bgs
20.0						
25.0						

024931



PROJECT NUMBER

TXE65678.FJES

BORING NUMBER

3B-S058

SHEET 1 OF

WELL COMPLETION LOG

024932

PROJECT RSR OU3 Groundwater Investigation

LOCATION N6962965.68 E2453979.96

ELEVATION 438.77 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

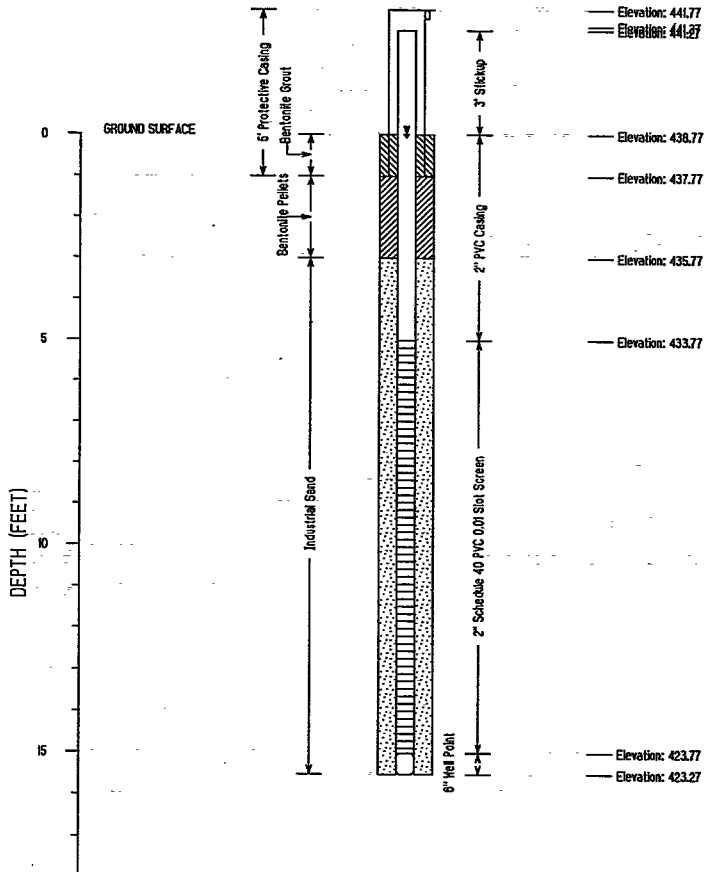
DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 434 ft. MSL 5/2/95

START 05/02/95

FINISH 05/02/95

LOGGER M. Wilson



024932

See Boring Log
For Drilling Details

PROJECT NUMBER
TXE6S878.FLFSBORING NUMBER
3B-S057

SHEET 1 OF 2

SOIL BORING LOG

024933

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8902852 E2454074

ELEVATION 439 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS None observed

START 05/10/95

FINISH 05/10/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	1.5		SILTY CLAY (CL), brown to gray, moist, soft, with black organic material at 14"-18".	FID = 20 ppm Sample = UX02 Sample = UL02 (TAL, TCL)
	2	2-ST	1.5		SILTY CLAY (CL), brown to gray, dry, lean.	FID = 1000 ppm
	4	3-ST	1.0		SILTY CLAY (CL), brown to gray, dry, hard, lean.	FID = 2000 ppm
	8	4-ST	1.3		SILTY CLAY (CL), light brown, dry, very lean, with some fine sand.	FID = 30 ppm
	8	5-ST	1.7		As above.	FID = 70 ppm
10.0	10	6-ST	1.8		As above.	FID = 8000 ppm
	12	7-ST	1.5		As above.	FID = 5000 ppm
	14	8-ST	1.5		Similar to above, with gravel.	FID = 4000 ppm
	18	9-ST	1.8		Similar to above, with crystals.	FID = 2000 ppm
	18	10-ST	1.7		As above.	FID = 1500 ppm
20.0	20	11-ST	1.7		As above.	FID = 80 ppm
	22	12-ST	1.08		As above.	FID = 50 ppm
	24	13-ST	1.08		As above.	FID = 1000 ppm
	25	14-ST	1.8		SHALE, olive gray, dry, weathered, friable, with oxidation.	FID = 10000 ppm
	27				SHALE, olive gray, dry, weathered, very friable, with oxidation.	FID = 4000 ppm
					Similar to above, with large iron nodule.	FID = 2500 ppm

024933

PROJECT NUMBER
TXE95078.F1FSBORING NUMBER
3B-S057

SHEET 2 OF

SOIL BORING LOG

024934

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8902852 E2454074

ELEVATION 439 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS None observed

START 05/10/95

FINISH 05/10/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 9" - 8" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
35.0	30	17-ST	1.8		SHALE, olive to gray, dry, friable, some oxidation.	FID = 2000 ppm
	32					
		18-ST	1.3		SILTY CLAY (CL), brown to gray, dry, lean (clayey shale), crystallized, some oxidation.	FID = 750 ppm
	34					
	35	19-ST	1.1		As above.	FID = 250 ppm
	37	20-ST	1.8		SHALE, olive-gray, dry, friable, some oxidation.	FID = 200 ppm
40.0						
		21-ST	1.7		CLAYEY SHALE WITH CLAY (CL), olive to gray, dry, firm, with iron nodules and crystallization.	FID = 200 ppm
	39					
	40	22-ST	1.1		Similar to above, with increase in shale.	FID = 200 ppm
		23-ST	1.2		CLAYEY SHALE WITH CLAY (CL), olive/gray, dry, lean, some gravel, with crystallization.	FID = 200 ppm
45.0	42					
		24-ST	1.58		0-7" SHALE, gray, dry, lean, weathered, with large pieces of iron ore, oxidized. 7"-14" SHALE, gray, dry, friable, weathered.	FID = 2000 ppm
	44					
	45	25-ST	1.1		SHALE, gray to olive.	FID = 3000 ppm
		26-ST	1.5		Similar to above, oxidation toward bottom.	FID = 8000 ppm
50.0	47					
		27-ST	1.8		Similar to above, with crystallization.	FID = 7000 ppm
	49					
	50	28-ST	1.1		SHALE, gray to olive, weathered.	FID = 400 ppm
		29-ST	1.8		As above.	FID = 6000 ppm
55.0	52					
		30-ST	1.1		As above.	FID = 20 ppm
					Total Depth = 53' Location: Site 3; east side of road adjacent to 3B	Boring terminated at 53' bgs Backfilled with bentonite and hydrated

024934

PROJECT NUMBER
111432.F1.F5BORING NUMBER
3C-S008

SHEET 1 OF 1

SOIL BORING LOG

024935

PROJECT RSR OU 3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8902208.04 E 2452838.74

ELEVATION 425.42 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 419 ft. MSL 2/7/95

START 2/7/95

FINISH 2/7/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 8" - 8" - 8" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RAT, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0						
3.0		1-OP	LS		CLAY (CL), light to medium olive-brown, very slightly moist, tight, plastic, some organic material (OL), plastic at base.	FID=BKG Sample=UX01
6.0		2-OP	NR			Plastic plugging end of core barrel
9.0		3-OP	NR		SANDY GRAVEL (GW), gray, wet.	Water at 8' FID=10 ppm Water sample=GD01 (field organics, TAL,TCL,MS/MSD)
10.0					Total depth = 9.0' Location: Site 3; west side of Area 3C	Backfilled with bentonite plug and hydrated
15.0						
20.0						
25.0						

024935



PROJECT NUMBER
TXE65678.FLFS

BORING NUMBER
3C-S006

SHEET 1 OF 1

SOIL BORING LOG

024936

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6962209.88 E2452834.88

ELEVATION 425.02 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 417 ft. MSL 3/10/95

START 03/10/95

FINISH 03/10/95

LOGGER M. Burkh

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RA, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	7				0-7', see previous log dated 2/7/95 (geoprobe)	
9	1-8	1-ST	1.58		SILTY CLAY (CL), light gray, moist, friable, very tight, with some landfill debris (paper), increasing moisture content with depth.	FID = 20 ppm Sample = UX02 (7'-8') Sample = UL01 (TAL, TCL) (7'-8')
10.0	11	2-ST	1.7		SILTY CLAY WITH FINE SAND (CL), light olive to light brown, dry, friable.	Water at 8' bgs FID = 150 ppm
12	3-8	3-ST	1.3		As above.	FID = 300 ppm
13	4-8	4-ST	NR		As above.	FID = 200 ppm Recovery not measured
15.0					Total Depth = 13' Location: Site 3; west of side of Area 3C	Boring terminated 13' bgs
20.0						
25.0						

024936

PROJECT NUMBER

TXE65878.F1FS

BORING NUMBER

3C-S008

SHEET 1 OF

WELL COMPLETION LOG

024937

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8962209.88 E2452834.88

ELEVATION 425.02 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc.

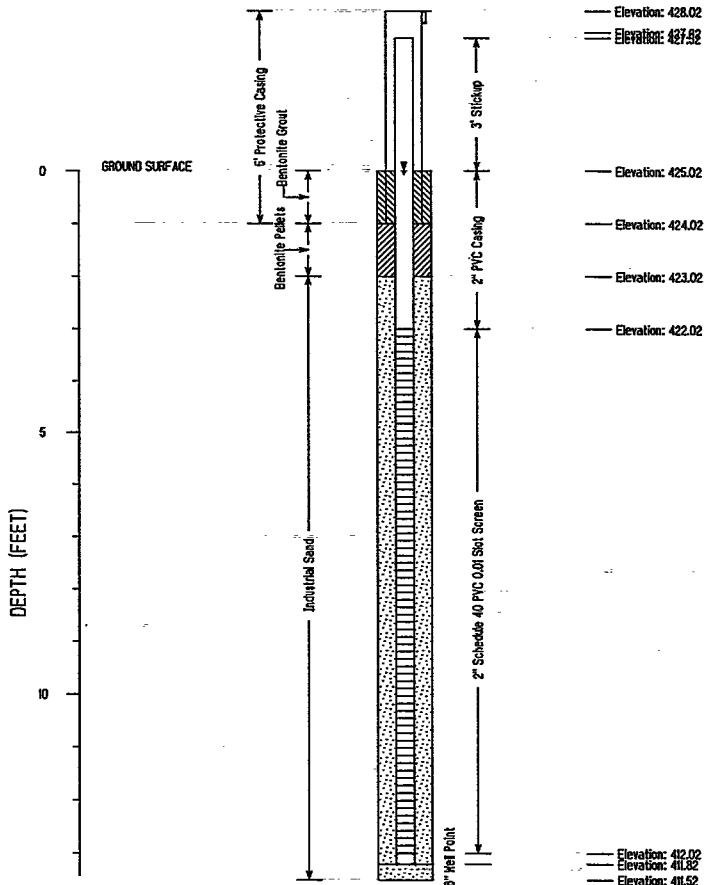
DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 417 ft. MSL 3/10/95

START 03/10/95

FINISH 03/10/95

LOGGER M. Burkhar



024937

See Boring Log
For Drilling Details

024938

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024938

84048-004



PROJECT NUMBER

111432.FLFS

BORING NUMBER

3C-S053

SHEET 1 OF 1

SOIL BORING LOG

024939

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 0902647.41 E 2453375.33

ELEVATION 433.79 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 410 ft. MSL 2/7/95

START 2/7/95

FINISH 2/7/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (ft.)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	1.0		Silty Clay (CL), medium brown to olive-brown with iron staining, sand and Organic (OL) material at top, plastic within.	FID=3.2 ppm
	3.0	2-DP	2.0		0-14" Similar to above, less silt, iron staining, sandier zone within. 14"-24", Silty Clay (CL), slightly moist, with some plastic, more Manganese toward base.	FID=2.2 ppm
	6.0	3-DP	2.92		0-3", as above. 3"-29", Sandy Clay (CL) interbeds, medium brown, very slightly moist. 29"-35", Clay with Some Silt (CL), medium gray, very slightly moist.	FID=Not operational
10.0	9.0	4-DP	2.34		Clay (With Some Silt) (CL), medium dark, olive-gray (light toward base), very slightly moist, lighter.	FID=55 ppm
	12.0	5-DP	2.34		As above.	FID=200 ppm Odor when removed from liner
	15.0	6-DP	3.0		Similar to above, with Silty Clay and Sand (CL) zones, Silty Clay (CL) at base, very slightly moist at base.	FID=80 ppm
20.0	18.0	7-DP	2.0		0-8", Sandy Silt (ML) with fine Sand (SP) at 3", medium olive-brown. 8"-24", Silty Clay (CL) with fine sand.	Water at 18" FID=44 ppm
	20.0				Total Depth=20' Location: Site 3; north side of Area 3C	Sample=UL01 (field organics, TCL, TAL) Water Sample=GD01 (field organics, TAL) Backfilled with bentonite plug and hydrated
	25.0					

024939

024940

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024940

PROJECT NUMBER
111432.FLFSBORING NUMBER
3C S084

SHEET 1 OF 1

SOIL BORING LOG

024941

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6981717.33 E 2453586.92

ELEVATION 438.81 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 428 ft MSL 2/7/95

START 2/7/95

FINISH 2/7/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-DP	0.87		Silty Clay (CL), medium olive-brown, slightly moist, plastic, some landfill debris (carpet, plastic, battery chips).	FID=0 ppm Sample=UX01 Sample=UL01 (TAL)
	3.0					
	6.0	2-DP	NR			glass plugging core barrel sleeve
	9.0	3-DP	NR			rubber and plastic plugging core barrel sleeve
10.0	12.0	4-DP	0.33		Sandy Gravel (GW), black, saturated, with battery casing chips (50%).	Water at 9.0' bgs
15.0						No recovery from 12'-27" due to landfill debris.
20.0						
25.0						
Total Depth=27'					Location: Site 3; south side of Area 3C	Backfilled with bentonite plug and hydrated

024941



PROJECT NUMBER

111432.FLFS

BORING NUMBER

3C-S084

SHEET 1 OF

SOIL BORING LOG

024942

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N89817.33 E2453588.92

ELEVATION 438.81 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B 61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 428 ft. MSL 2/7/95

START 05/11/95

FINISH 05/15/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-10", See boring log for Strataprobe dated 2/7/95	
10.0	10					
	12	1-ST	NR			Battery chips in Shelby tube
15.0	15					Drilled through 12-15" bgs
	17	2-ST	1.5		CLAY (CH), gray, moist.	FID = 500ppm Installed isolation casing to 17"
	18					Drilled through 17-18" bgs
20.0	20	1-ST	1.08		SILTY VERY FINE SANDY CLAY (CL), grayish brown, dry, lean, some landfill debris (slough).	FID = 600ppm
	22	2-ST	1.4		Similar to above.	FID = 0ppm
	24	3-ST	1.5		Similar to above, no landfill debris.	FID = 10ppm
25.0					Similar to above, with some gravels.	FID = 10ppm
	26	4-ST	1.58			
					0-17", As above. 17-20", SILTY SANDY GRAVELLY CLAY (CL), light brown, dry, lean.	FID = 8ppm
					SILTY SANDY GRAVELLY CLAY (CL), light brown, slightly moist, lean (gravel content decreasing with depth).	FID = 0ppm Sample = ULO1 (TAL, TCL)

024942



PROJECT NUMBER

111432.FLFS

BORING NUMBER

3C-S084

SHEET 2 OF

SOIL BORING LOG

024943

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N89617.33 E2453586.92

ELEVATION 436.81 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B 61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 428 ft. MSL 2/7/95

START 05/11/95

FINISH 05/15/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	30	1-ST	1.58		LEAN CLAY WITH SILT (CL), brown and gray mottled, dry, calcite crystallization.	FID = 4ppm
	32					
	35					While drilling from 32' to 34' the outer casing started spinning. Abandon the boring
	37	2-ST	1.4		SHALE, weathered, with iron staining.	FID = 0ppm
	39	3-ST	1.5		As above.	FID = 0ppm Sample=UL03 (geotechnical parameters) (38-41')
40.0	41	4-ST	1.3		Collected for geotechnical parameters.	FID not taken
						Drilled through 41-45' bgs
45.0	45					
	47	5-ST	2.0		0-16" SHALE, weathered. 16-24" SHALE	FID = 0ppm
50.0					Total Depth=47'	Boring terminated 47' bgs
					Location: Site 3; South side of Area 3C	
55.0						

024943



PROJECT NUMBER

111432.EIFS

BORING NUMBER

3C-S084

SHEET 1 OF

WELL COMPLETION LOG

024944

PROJECT RSR 003 Groundwater Investigation

LOCATION N69617.33 E2453588.92

ELEVATION 436.81 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc.

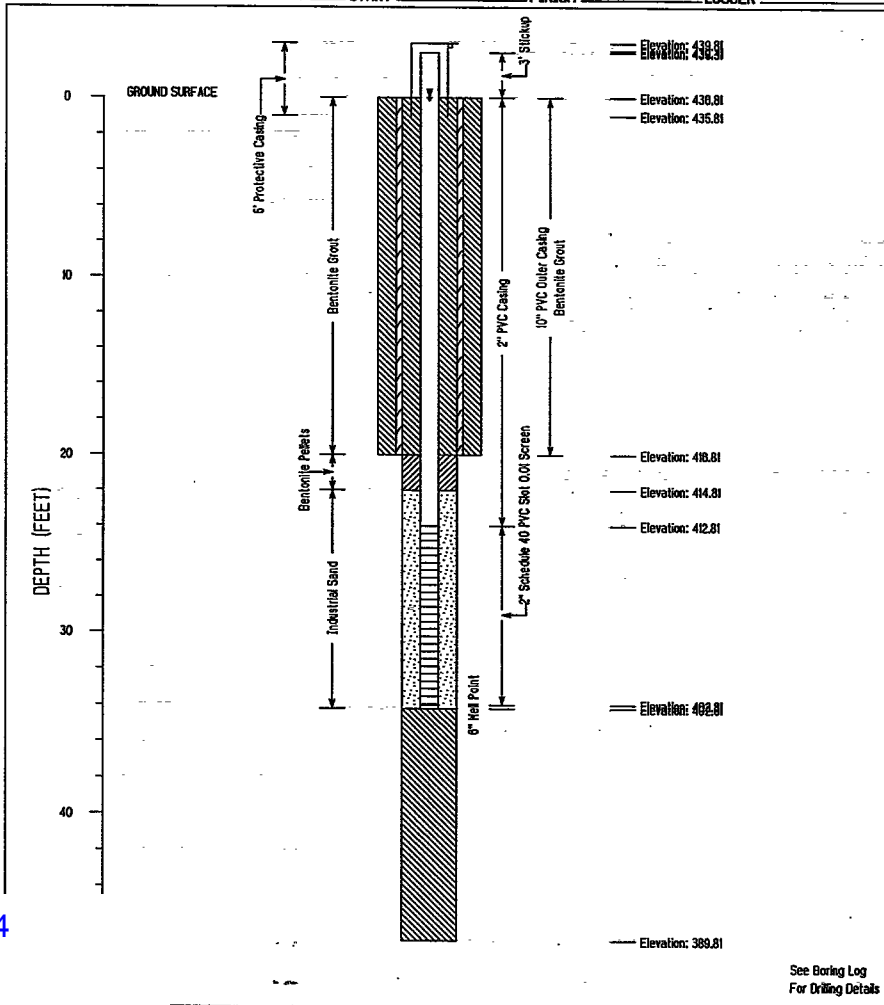
DRILLING METHOD AND EQUIPMENT Mobile B-61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 428 ft. MSL 2/7/95

START 05/11/95

FINISH 05/15/95

LOGGER M. Wilson



024944

See Boring Log
For Drilling Details

PROJECT NUMBER
111432.FLFSBORING NUMBER
3C-S118

SHEET 1 OF

SOIL BORING LOG

024945

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6982361.13 E 2453823.08

ELEVATION 434.84 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 426 ft MSL 2/8/95

START 2/8/95

FINISH 2/8/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
	0			6" - 8" - 6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	3.0	1-OP	1.00		Silty Clay (CL), medium reddish-brown, slightly moist, moderately plastic, landfill debris (battery chip, glass at base of core barrel).	FID=BKG Sample=UX01
5.0	6.0	2-OP	0.42		Silty Clay (CL) (fill material), medium brown, slightly moist, friable, iron staining, rock at base of core barrel.	FID=BKG
	9.0	3-OP	0.84		0-3", as above. 3"-10" Silty Clay (CL) with sand, medium- brown, slightly moist, plastic, iron and manganese staining.	FID=10 ppm Sample=UX01 Sample=UL01 (field organics, TAL)
10.0	12.0	4-OP	2.00		0-14", Silty, Sandy Clay (CL), medium brown, saturated. 14"-18", Silty Clay (CL) with sand and gravel, dark brown, moist, slightly plastic, friable. 18"-24", Silty Clay (CL), medium olive-brown, very slightly moist, plastic, tight.	Water at 9' FID=8 ppm
15.0					Total Depth=12' Location: Site 3; east side of Area 3C	Water Sample=GD01 (field organics, TAL) Backfilled with bentonite plug and hydrated
20.0						
25.0						

024945

PROJECT NUMBER
TXE65078.FLFSBORING NUMBER
3C-S116

SHEET 1 OF

SOIL BORING LOG

024946

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N6902393.14 E2453809.98

ELEVATION 435.27 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (Cliff Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 413 ft. MSL 3/24/95

START 03/24/95

FINISH 03/24/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	7				0-7' and 9-12', see previous boring log dated 2/8/95 (geoprobe) 0-7', SILTY CLAY (CH), black (from cuttings).	
9.0	9	1-ST	0.6		SILTY CLAY (CH), black, moist, plastic, roots prevalent, some gravel (~5% volume).	FID = 30 ppm Sample = UL01 (TAL, TCL) (7-9')
12.0	12					
14.0	14	2-ST	0.5		Landfill debris, moist (paper, metal fragments, glass).	FID = 40 ppm
16.0	16	3-ST	NR			
18.0	18	4-SS	NR			
20.0	20	5-SS	NR			
22.0	22	6-SS	NR			
24.0	24	7-SS	0.2		SILTY CLAY (CH), dark gray to blue, wet, plastic, with landfill debris (glass shards, paper).	No FID, wet, water at 22'
26.0	26	8-SS	0.1		Landfill debris, moist (battery chips, paper).	FID = 30 ppm
					SILTY CLAY (CH), dark gray to olive, wet, plastic, root zones, some landfill debris (paper, glass).	FID = 10 ppm

024946

PROJECT NUMBER
TXE05078.FLFSBORING NUMBER
3C-SH8

SHEET 2 OF

SOIL BORING LOG

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N6962363.14 E2453809.98

ELEVATION 435.27 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (Cliff Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile 881 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 413 ft. MSL 3/24/95

START 03/24/95

FINISH 03/24/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	30	11-ST	0.1		Similar to above, with battery chips (possibly slough).	FID = 0.0 ppm
	32					
	34	12-ST	0.8		Similar to above, no battery chips.	FID = 0.0 ppm
	38	13-ST	1.7		SILTY CLAY (CH), brown, wet, plastic, landfill debris (metal wire) at bottom.	FID = 0.0 ppm
	38	14-ST	0.4		As above (slough).	FID = 0.0 ppm
	40	15-ST	2.0		SILTY CLAY (CH), brown, moist, wet, plastic, landfill debris decreasing.	FID = 0.0 ppm
40.0	42	16-ST	2.0		SILTY CLAY (CH), brown to olive, slightly moist, plastic.	FID = 0.0 ppm
45.0					Total Depth = 40.5' Location: Site 3; northeast side of Area 3C	Boring terminated 40.5' bgs
50.0						
55.0						

024947

024947



PROJECT NUMBER

TXE65878.EJFS

BORING NUMBER

3C-S110

SHEET 1 OF

WELL COMPLETION LOG

PROJECT RSR OU3 Groundwater Investigation

LOCATION N6982363.14 E2453809.98

ELEVATION 435.27 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (Cliff Rigby - Driller)

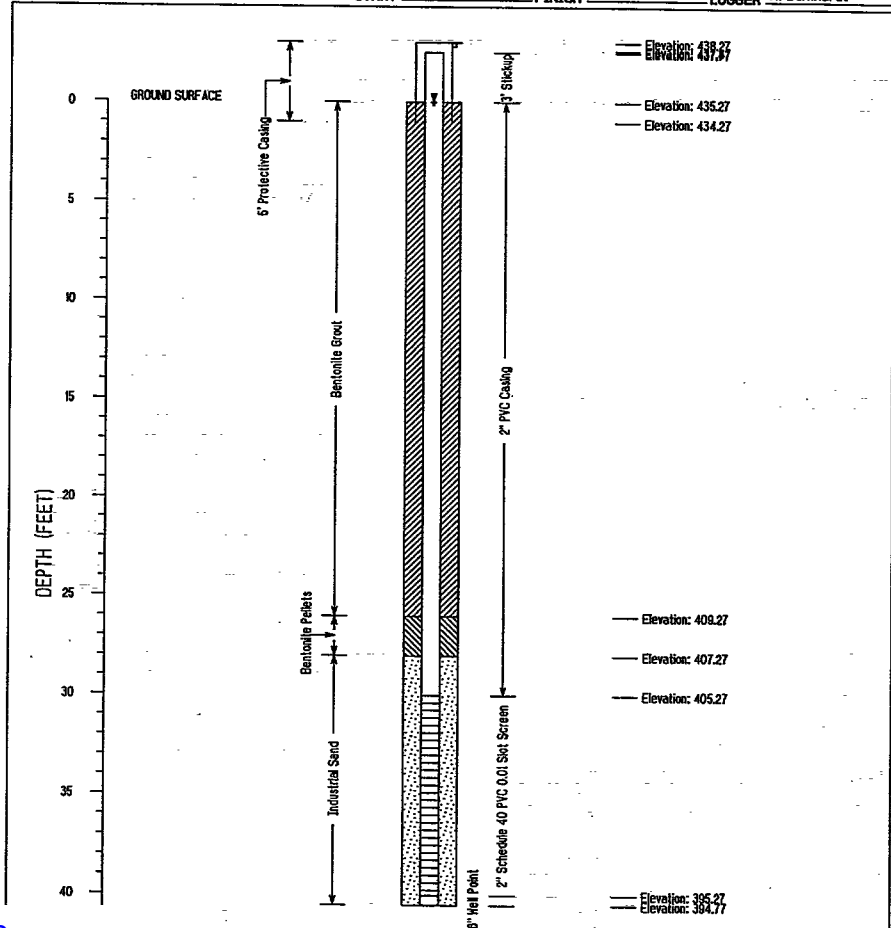
DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 413 ft. MSL 3/24/95

START 03/24/95

FINISH 03/24/95

LOGGER M. Burkhardt



024948

See Boring Log
For Drilling Details



PROJECT NUMBER

TXE85878.FIFS

BORING NUMBER

3C-S117

SHEET 1 OF 1

SOIL BORING LOG

024949

PROJECT RSR OU3 Subsurface Soil Investigation

LOCATION N6982246 E2452841

ELEVATION 428.89 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 419 ft. MSL 3/22/95

START 03/22/95

FINISH 03/22/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 0" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-9' bgs, see previous boring log dated 2/7/95 (geoprobe) 0-9' SILTY CLAY (CH), light brown (from cuttings).	
9.0	9					Water at approximately 8'
	11	1-ST	0.8		SILTY CLAY (CH), light brown, wet, highly plastic, paper and wood debris included in core.	FID = 10000 ppm
	13	2-ST	1.8		SILTY CLAY (CH), dark gray to olive, very wet, highly plastic, with landfill debris (glass, cloth, paper, wood).	FID = 0.0 ppm
15.0	15	3-ST	NR			
	17	3-ST	1.4		SILTY CLAY (CH), light gray to olive, moist, plastic, plasticity decreasing with depth, decreasing silt content.	FID = 40 ppm
	19	4-ST	1.08		SILTY CLAY (CL), light gray to olive, dry, very hard, homogeneous.	FID = 0.0 ppm
20.0	21	5-ST	0.8		SILTY CLAY (CL), olive, dry, very hard, slight petroleum hydrocarbon odor.	FID = 0.0 ppm
	23	6-ST	1.08		Similar to above, with no odor.	FID = 0.0 ppm
	25	7-ST	0.7		GRAVELLY CLAY (CL), light brown to tan, moist, with approximately 50% gravel.	FID = 0.0 ppm
25.0	27	8-ST	1.8		SILTY CLAY (CL), light brown, moist, very hard, dense, homogeneous.	FID = 0.0 ppm Sample = UL02 (geotechnical parameters) (25'-30.5')
					Collected for geotechnical analysis.	

024949



PROJECT NUMBER
TXE05078.FJFS

BORING NUMBER
3C-S117

SHEET 2 OF

SOIL BORING LOG

024950

PROJECT RSR 003 Subsurface Soil Investigation

LOCATION N6962246 E2452841

ELEVATION 428.89 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 419 ft. MSL 3/22/95

START 03/22/95

FINISH 03/22/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
30.5	30.5					
	32	11-ST	0.8		SILTY CLAY, light brown, moist to wet.	FID = 0.0 ppm
	34	12-ST	NR			
	36	13-SS	1.6		Similar to above, wet.	FID = 0.0 ppm Water at 34" bgs
	38	14-SS	NR			FID = 0.0 ppm
40.0	40	15-SS	1.2		SILTY CLAY (CL) reddish brown, moist, dense, less silt than previous.	FID = 0.0 ppm
	42	16-SS	1.8		SILTY CLAY WITH SAND (CH) rust, moist, moderately plastic, (fine sand).	FID = 0.0 ppm
	44	17-SS	1.58		As above.	FID = 0.0 ppm
	46	18-SS	1.5		SILTY SAND (SP) light brown to olive, moist, consolidated.	FID = 0.0 ppm
	48	19-SS	1.0		SILTY SAND (SP) similar to above, wet, unconsolidated.	FID = 0.0 ppm
50.0	50	20-SS	NR			
	52	21-SS	1.5		0-6" as above, (possibly slough). 6-16" SANDY CLAY (CH) dark brown to olive, moist, plastic.	FID = 0.0 ppm Sample = UL04 (TAL) (50"-52") Driller notes difficulty pushing from 51"-52" bgs
	54	22-SS	0.9		SILTY SAND (SP) olive, wet, unconsolidated gravel at bottom 3" (approximately 40%).	FID = 0.0 ppm Sample = UL03 (geotechnical parameters) (52"-58")
	56	23-SS	1.6		Collected for geotechnical analysis.	FID = 0.0 ppm Sample = UL03 (geotechnical parameters)
	58					
55.0			3.6		SILTY SAND (SP) olive, very wet, unconsolidated.	No FID - wet
			3.8		0-7" SANDY GRAVEL (SW) olive, wet, unconsolidated. 7-10" SHALE blue-gray, dry, very hard.	No FID - wet

024950

PROJECT NUMBER
TXE06878.FIFSBORING NUMBER
3C-SH7

SHEET 3 OF

SOIL BORING LOG

PROJECT RSR 003 Subsurface Soil Investigation

LOCATION N0902240 E2452841

ELEVATION 420.89 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 419 ft. MSL 3/22/95

START 03/22/95

FINISH 03/22/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
60.5					Total Depth = 60.5' Location: Site 3; west of side of Area 3C	Boring terminated 60.5' bgs
65.0						
70.0						
75.0						
80.0						
85.0						

24951

024951

024951



PROJECT NUMBER

TXE05078.FILES

BORING NUMBER

3C-S117

SHEET 1 OF 1

WELL COMPLETION LOG

024952

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8962248 E2452841

ELEVATION 426.89 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

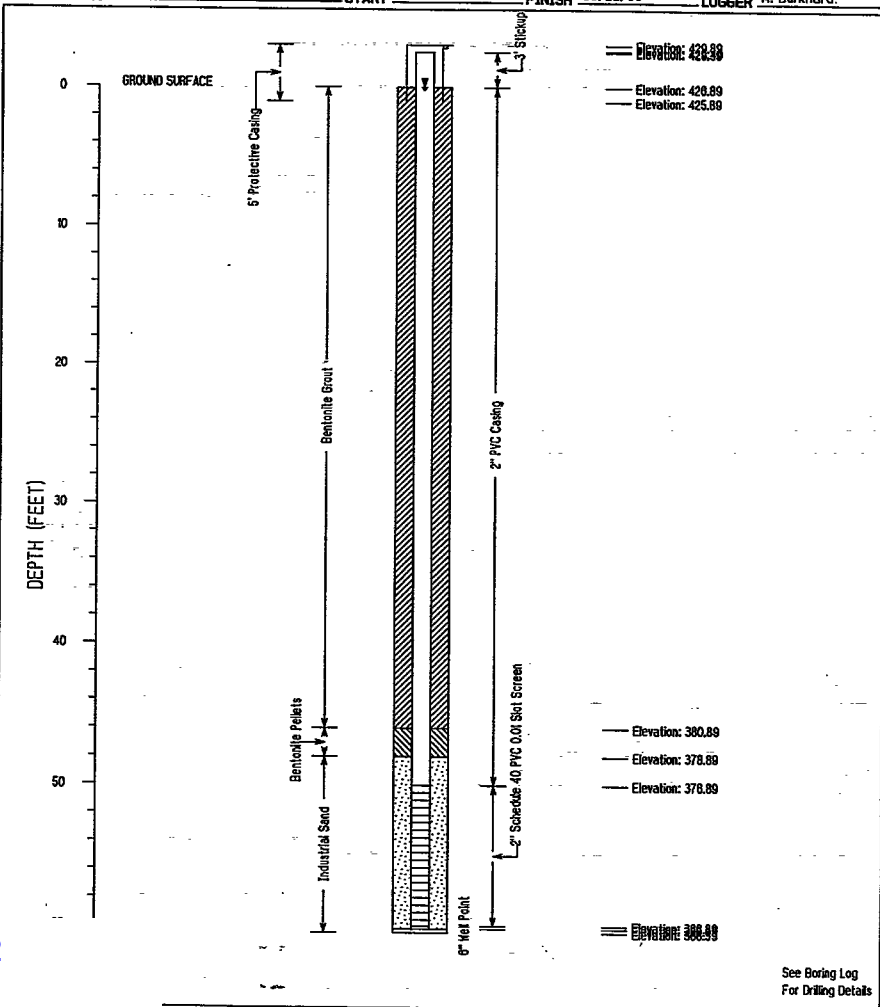
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 419 ft. MSL 3/22/95

START 03/22/95

FINISH 03/22/95

LOGGER M. Burkhard:



024952

See Boring Log
For Drilling Details

PROJECT NUMBER
111432.FLFSBORING NUMBER
30-S073

SHEET 1 OF

SOIL BORING LOG

024953

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6980681.96 E 2453338.39

ELEVATION 433.53 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-S14)

WATER LEVELS None Observed

START 2/13/95

FINISH 2/13/95

LOGGER C. CLAY

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RAI DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0				Silty Clay (CL), brown with small sand pieces of caliche, landfill debris (battery chips).	FID=0% ppm Sample=UX01 Sample=UL01 (TAL)
	3.0	1-DP	0.42		As above.	FID=0.0 ppm
	6.0	2-DP	0.25		Silty Clay (CH), dark gray, moist.	FID=0.0 ppm
	9.0	3-DP	0.34		Similar to above, with some sand and gravel, sand and gravel content increasing with depth.	FID=0.0 ppm
15.0	12.0	4-DP	1.50		As above.	FID=0.0 ppm
	15.0	5-DP	1.00		Silty Clay (CL), brown with some fine sand.	FID=0.0 ppm
	18.0	6-DP	2.25		As above, moist to very moist.	FID=0.0 ppm
	21.0	7-DP	2.34		As above.	FID=0.0 ppm
25.0	24.0	8-DP	3.00		Silty Clay (CL) with some fine sand, brown to light gray, lean, moist.	FID=0.0 ppm No water recovered
	27.0	9-DP	3.00		Silty Clay (CL) with some caliche, dry.	

024953



PROJECT NUMBER
111432.F1.FS

BORING NUMBER
3D-S073

SHEET 2 OF

SOIL BORING LOG

024954

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8980681.98 E 2453338.39

ELEVATION 433.53 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/13/95

FINISH 2/13/95

LOGGER C. CLAY

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
31.5						
35.0					Total Depth=31.5" Location: Site 3; south side of Area 3D	Boring terminated at 31.5' bgs Backfilled with bentonite plug and hydrated
40.0						
45.0						
50.0						
55.0						

024954

PROJECT NUMBER
TXE05078.F1FSBORING NUMBER
3D-S073

SHEET 1 OF

SOIL BORING LOG

024955

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N0900882 E2453343

ELEVATION 434.09 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 377 ft. MSL 4/27/95

START 04/27/95

FINISH 04/28/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
				6" - 6" - 6" (N)	0-30'. See previous boring log dated 2/13/95	
5.0						
10.0						
15.0						
20.0						
25.0						

24955

024955

PROJECT NUMBER
TXE65878.FLFSBORING NUMBER
3D-S073

SHEET 2 OF

SOIL BORING LOG

024956

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N8960682 E2453343

ELEVATION 434.09 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile 861 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 377 ft. MSL 4/27/95

START 04/27/95

FINISH 04/28/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
35.0	30	1-ST	1.7		SILTY CLAY (CL), brown, dry and hard, lean.	FID = 80 ppm
	32				As above.	FID = 20 ppm
	34	2-ST	1.8		As above.	FID = 25 ppm
	36				As above.	FID = 5 ppm
	38	4-ST	1.58		As above, some crystallization.	FID = 35 ppm
	40				As above.	FID = 30 ppm
40.0	42	6-ST	1.7		As above.	FID = 12 ppm
	44				SILTY CLAY (CL), brown, dry, hard, increase in plasticity.	FID = 0.0 ppm
	46	8-ST	1.3		SILTY CLAY (CL), brown, with gray seams, dry, hard, slightly plastic, crystallization.	FID = 5 ppm
	48				CLAY (CL), gray to olive, dry, moderate plasticity, with fine sand.	FID = 0.0 ppm
50.0	50	10-ST	1.5		As above.	FID = 0.0 ppm
	52				FINE SANDY CLAY (CL), gray to olive, slightly moist.	FID = 0.0 ppm
	54	12-ST	1.4		FINE SANDY CLAY (CL), gray to olive, slightly moist.	FID = 0.0 ppm
	56				0-20", As above. 20-23", SANDY CLAY (CL), gray to olive, poorly sorted gravel and cobbles.	FID = 0.0 ppm
55.0	58	13-ST	1.7		0-8", FINE SANDY CLAY (CL), gray to olive. 8"-10", SILTY SAND WITH GRAVEL (SW), wet.	FID = 0.0 ppm Sample = UL02 (TAL, TCL) (58-60)

024956



PROJECT NUMBER TXE65878.FLFS	BORING NUMBER 3D-S073	SHEET 3 OF
SOIL BORING LOG		

PROJECT RSR 003 Subsurface Soils Investigation	LOCATION N8980882 E2453343
ELEVATION 434.09 ft. MSL	DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)
DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA	
WATER LEVELS 377 ft. MSL 4/27/95	START 04/27/95 FINISH 04/28/95
LOGGER M. Wilson	

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
				6" -6" -6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
80		18-ST	18		0-6", VERY FINE SANDY CLAY WITH GRAVEL COBBLES (CL) 6-22", SHALE, gray.	FID = 0.0 ppm
82					Total Depth = 82' Location: Site 3; south side of Area 3D	Boring terminated 82' bgs
85.0						
70.0						
75.0						
80.0						
85.0						

24957

024957

024957



PROJECT NUMBER

TXE05078.F1FS

BORING NUMBER

3D-S073

SHEET 1 OF

WELL COMPLETION LOG

024958

PROJECT RSR 003 Groundwater Investigation

LOCATION N8960882 E2453343

ELEVATION 434.09 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

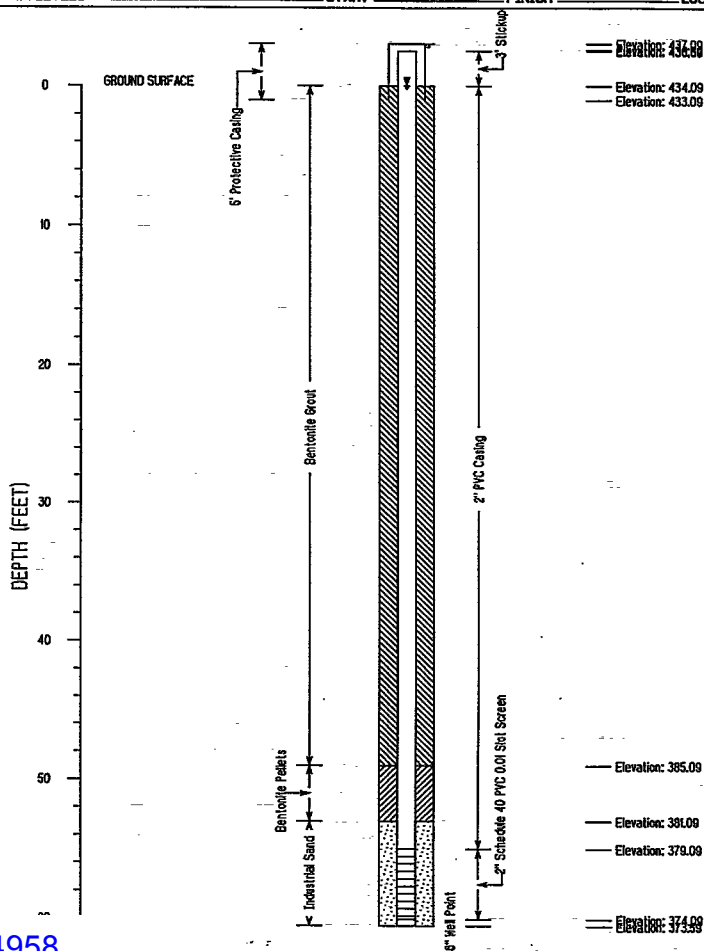
DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 377 ft. MSL 4/27/95

START 04/27/95

FINISH 04/28/95

LOGGER M. Wilson



024958

See Boring Log
For Drilling Details

PROJECT NUMBER
TXE65678.F1FSBORING NUMBER
30-S107

SHEET 1 OF

SOIL BORING LOG

024959

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8981422 E2453730

ELEVATION 436.80 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 433 ft. MSL 5/20/95

START 05/20/95

FINISH 05/20/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -8" -8" (IN)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0					0-6" LEAN CLAY WITH SILT (CL), brown. 6-14", As above with numerous battery chips. 14-21", Landfill debris, dry.	FID = 0.0 ppm Sample = UX01 Sample = UL01 (TAL, TCL) (0-8") Sample = UL02 (TCLP, TOC) (8"-14") Water at 4' bgs
5.0	5	1-CB	L7			
		2-CB	0.5		0-7", Landfill debris, wet.	FID = 2000 ppm
10.0	10					
		3-CB	NR			
15.0	15					
		4-CB	NR			Driller thinks there is native material somewhere between 15'-17', due to increased drilling difficulty
20.0	20	5-CB	NR			Stopped coring at 22' bgs
	22					
		6-SS	L7		0-8" CLAY (CL) brown, with landfill debris (slough). 8-21" SHALE, dry, weathered.	FID = 0.0 ppm
	24					
25.0		7-SS	2.0		0-10" CLAY (CL) brown, (slough). 10-24" SHALE.	FID = 0.0 ppm
	26					
					0-24" CLAY (CL) with caliche crystallization, brown and gray, laminated with SHALE, wet and hard.	FID = 0.0 ppm
						Drilled 28"-30' bgs (No sample)

024959



PROJECT NUMBER
TXE05078.FLFS

BORING NUMBER
3D-S107

SHEET 2 OF

SOIL BORING LOG

024960

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6901422 E2453730

ELEVATION 438.80 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 433 ft. MSL 5/20/95

START 05/20/95

FINISH 05/20/95

LOGGER C. Clay

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	30					
	32	4-SS	2.0		0-18" SHALE, weathered. 19-24", SHALE.	FID = 0.0 ppm
35.0					Total Depth = 32'	Boring terminated 32' bgs
					Location: Site 3; northeast side of Area 3D	
40.0						
45.0						
50.0						
55.0						

024960

PROJECT NUMBER

TXE65878.FLFS

BORING NUMBER

3D-S107

SHEET 1 OF

WELL COMPLETION LOG

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8961422.81 E2453730.30

ELEVATION 438.80 ft. MSL

DRILLING CONTRACTOR Total Support Services

DRILLING METHOD AND EQUIPMENT Mobile B59 Truck-Mounted 8 1/4" OD HSA

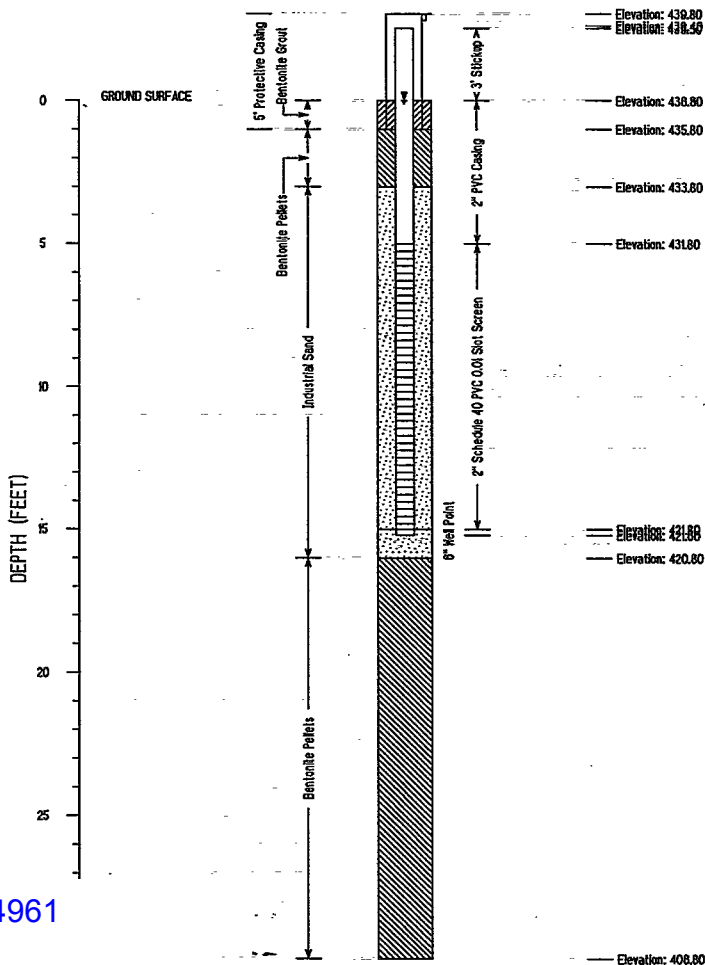
WATER LEVELS 433 ft. MSL 5/20/95

START 05/20/95

FINISH 05/20/95

LOGGER C. Clay

024961



024961

See Boring Log
For Drilling Details

024962

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NUMBERING PURPOSES ONLY.

024962

84048-006

PROJECT NUMBER
11432.FLFSBORING NUMBER
3D-S125

SHEET 1 OF

SOIL BORING LOG

024963

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6960403.03 E 2453382.72

ELEVATION 435.89 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/23/95

FINISH 2/23/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-DP	2.00		0-13" landfill debris (battery chips). 13"-24", Silty Clay (CL), tan to olive, dry, very hard, friable.	FID=0.0 ppm Sample=UX01 Sample=UL01 (TCLP)
	3.0					
	6.0	2-DP	3.00		As above.	FID=0.0 ppm
	10.0	3-DP	2.66		As above.	FID=0.0 ppm
4-DP		1.00		As above.	FID=0.0 ppm	
						10.0
12.0	5-DP	1.66		Similar to above, with calcareous nodules.	FID=0.0 ppm No water observed	
						12.0
15.0					Total Depth=12' Location: Site 3; southern side of Area 3D	Backfilled with bentonite plug and hydrated
20.0						
25.0						

24963

024963

024964

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NUMBERING PURPOSES ONLY.**

024964

84048-007

PROJECT NUMBER
TXE65678.F1.F5BORING NUMBER
3D-S126

SHEET 1 OF

SOIL BORING LOG

024965

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6961487 E2452813

ELEVATION 425.49 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 423 ft. MSL 3/10/95

START 03/10/95

FINISH 03/10/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (ft)	SAMPLE			STANDARD PENETRATION TEST RESULTS 8" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RA, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	1.0		SILTY CLAY (CH), olive to light gray, moist, plastic, root zones prevalent, landfill debris (paper) at bottom.	FID = 6 ppm Sample = UX01 (0-2') Sample = UL01 (TAL, TCL) (0-2'
	2				Landfill debris, (paper, cardboard, glass).	No FID - wet Water at 2' bgs
	4	2-ST	0.5			
	6	3-ST	NR		No recovery.	
	8	4-ST	NR		Landfill debris (from cuttings).	No FID - wet
	8				Landfill debris (paper, glass, etc.).	No FID, insufficient volume
10.0	10'	5-ST	.08			
		6-SS	0.4		SILTY CLAY (CL), dark gray, wet, hard, friable, landfill debris (glass and paper) interbedded.	No FID - wet
	12				No recovery.	
15.0	14	7-SS	NR			
	15	8-SS	0.2		SILTY CLAY (CL), dark gray, very wet, landfill debris throughout (paper, cardboard, etc.). Total Depth = 16.0' Location: Site 3; northwest side of Area 3D	No FID - wet Boring terminated 16.0' bgs
20.0						
25.0						

024965

PROJECT NUMBER

TXE65678.ETFS

BORING NUMBER

3D-S126

SHEET 1 OF

WELL COMPLETION LOG

024966

PROJECT RSR OUS Groundwater Investigation

LOCATION N6961487 E2452813

ELEVATION 425.49 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

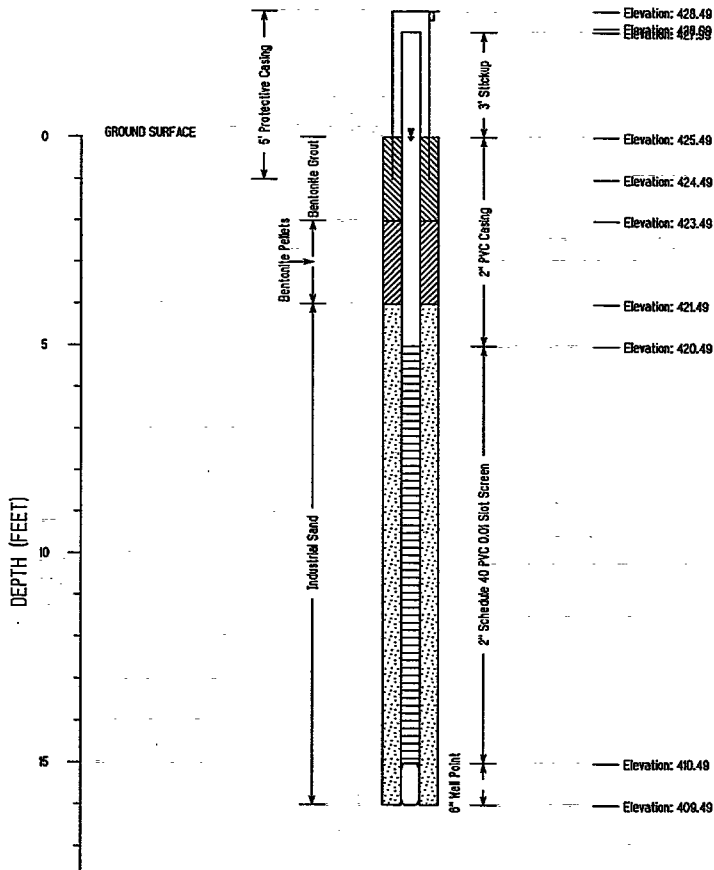
DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 423 ft. MSL 3/10/95

START 03/10/95

FINISH 03/10/95

LOGGER M. Burkhard



024966

See Boring Log
For Drilling Details



PROJECT NUMBER

111432.FLFS

BORING NUMBER

3D-S127

SHEET 1 OF

SOIL BORING LOG

024967

PROJECT RSR 013 Subsurface Soils Investigation

LOCATION N890847.89 E2452884.77

ELEVATION 432.55 ft. MSL

DRILLING CONTRACTOR Groundwater Monitoring, Inc.

DRILLING METHOD AND EQUIPMENT CME 75 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 420.55 ft. MSL 5/18/95

START 05/18/95

FINISH 05/20/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0						
5		1-ST	3.0		SILTY CLAY WITH SOME FINE SAND (CL), light brown, slightly moist, battery chips at 1.5", with oxidized root casts to 2' bgs	FID = 0ppm
10						
		2-ST	0.2		No recovery, wood and paper plugging core barrel	FID = 10ppm
15						
		3-ST	0.0		No recovery.	
20						
		4-ST	1.3		SILTY CLAY WITH SOME FINE SAND (CH), light brown, moist to wet, (some landfill debris), slightly laminated.	FID = 18000ppm
25						
		5-ST	1.4		As above to 14.4", SILT WITH FINE SAND (ML), light brown, slightly moist.	FID = 48000ppm
		6-ST	1.6		As above, wet to 16.5". As above, moist to 18".	FID = 1000ppm
30						
		7-ST	1.1		0-4", slough CLAY WITH FINE SAND (CH), light brown to 3". SILT WITH FINE SAND (ML), light brown, slightly moist, laminated to 14".	FID = 1000-8000ppm
35						
		8-ST	0.0			FID = 4000ppm
40						
		9-ST	1.0		SILTY CLAY WITH FINE SAND (CH), light brown, friable, with sand seams to 10". SAND (SP), slightly moist, fine to medium, poorly graded to 12".	5/20/95 new boring Sample=UL03 (geotechnical parameters) (23-28")
45						
		10-ST	1.0		0-6". As above. SAND (SP), slightly moist, medium to coarse, poorly graded to 12".	FID = 0ppm
50						
					As above, (SP), some clay to 4", some gravel 4"-7". SILTY CLAY (CL), brown and gray mottled, very slightly moist, lean.	FID = 0ppm
					SILTY CLAY (CL) as above, fissures (root casts) with mineralization throughout.	FID = 0ppm

024967



PROJECT NUMBER 111432.FLFS BORING NUMBER 3D-S127
SHEET 2 OF

SOIL BORING LOG

024968

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6980847.89 E2452884.77

ELEVATION 432.55 ft MSL

DRILLING CONTRACTOR Groundwater Monitoring, Inc.

DRILLING METHOD AND EQUIPMENT CME 75 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 420.55 ft MSL 5/18/95

START 05/18/95

FINISH 05/20/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
35.0	30	1-ST	1.5		CLAYEY SILT WITH SOME SAND (ML) brown to 8". SILTY CLAY (CL) brown, wet, dense, plastic to 12". SAND (SP-SC) fine to medium sand, saturated, some clay, poorly graded to 18". SILTY CLAY (CL) as above.	FID = Oppm Decided to cease drilling operations, ream out the hole with a 14" diameter auger to 29', and set a 10" diameter surface casing
	32					
	35	2-ST	1.8		SILTY CLAY (CL) as above, brown, very slightly moist, dense, some mineralization.	FID = Oppm
	37					
40.0	40	3-ST	1.5		SILTY CLAY (CL) as above, brown, very slightly moist, lean, gray mineralization with increase with depth.	FID = Oppm
	42					
	45	4-ST	1.8		SILTY CLAY (CH) as above, brown, with increased silt content and little fine sand, some gray mineralization to 19". FINE SAND WITH CLAY, SOME SILT (SC) brown, saturated.	FID = Oppm
	47					
50.0	50	5-ST	1.7		SAND AND GRAVEL (SC) brown, very moist, with <15% (GC), cobbles to 1". SILTY CLAY (CL) brown and gray mottled, with sand and gravel (to 25" diameter). CLAYEY SAND (SC) brown, very moist, increased clay content with depth, to 19". SAND AND GRAVEL (SC) as above, very moist.	FID = Oppm Sample 51' = UL01 (TAL, TCL) Sample 51'-54' = UL03 (pH, sulfate, CEL, bulk density, particle size, moisture content)
	55					
55.0					SAND AND GRAVEL (SC-GC) brown, saturated, (alternating with zones of very high clay content)	FID = Oppm Water at 55' bgs Most of this core is heaved material coming up inside augers
					SHALE, weathered.	FID = Oppm

024968

PROJECT NUMBER
11432.FLFSBORING NUMBER
3D-S127

SHEET 3 OF

SOIL BORING LOG

024969

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N8980847.89 E2452884.77

ELEVATION 432.55 ft. MSL

DRILLING CONTRACTOR Groundwater Monitoring, Inc.

DRILLING METHOD AND EQUIPMENT CME 75 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 420.55 ft. MSL 5/18/95

START 05/18/95

FINISH 05/20/95

LOGGER M. Stuart

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
				6" -8" -6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
61					Total Depth=61' Location: Site 3; Southwest side of Area 3D.	Boring terminated 61' bgs
65.0						
70.0						
75.0						
80.0						
85.0						

024969



PROJECT NUMBER

H1432.F1.FS

BORING NUMBER

3D-S127

SHEET 1 OF

WELL COMPLETION LOG

024970

PROJECT RSR 003 Groundwater Investigation

LOCATION N8980847.89 E2452884.77

ELEVATION 432.55 ft. MSL

DRILLING CONTRACTOR Groundwater Monitoring, Inc.

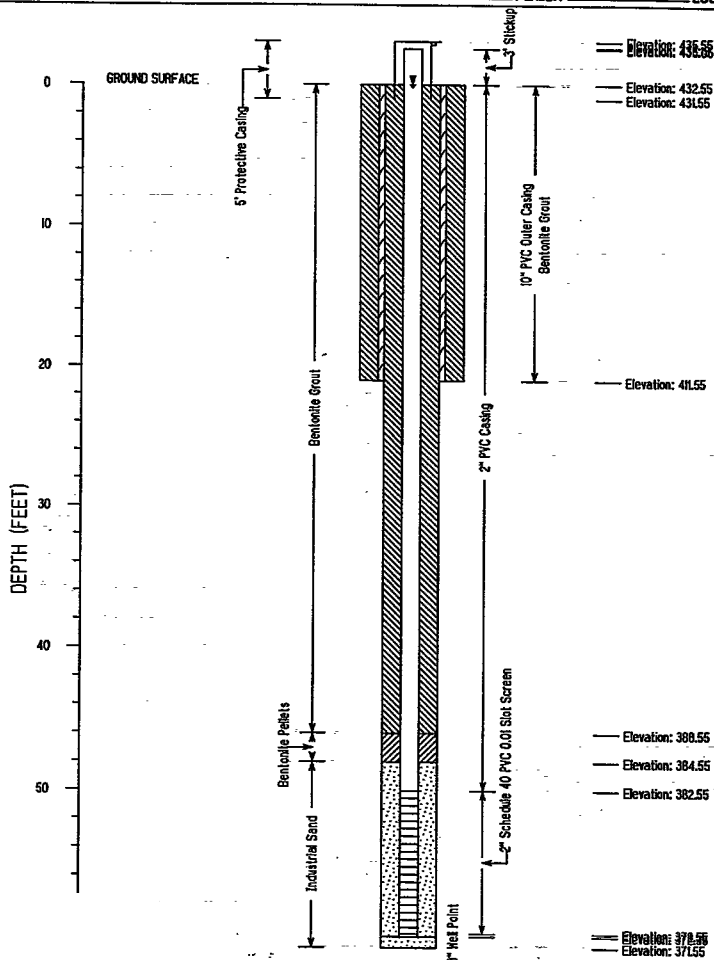
DRILLING METHOD AND EQUIPMENT CME 75 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 421 ft. MSL 5/18/95

START 05/18/95

FINISH 05/20/95

LOGGER M. Sturat



024970

See Boring Log
For Drilling Details



PROJECT NUMBER

111432.FL.FS

BORING NUMBER

3J-S001

SHEET 1 OF

SOIL BORING LOG

024971

PROJECT JSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8980545.22 E 2453782.74

ELEVATION 439.47 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD MHC-514)

WATER LEVELS 428 ft MSL 2/13/95

START 2/13/95

FINISH 2/13/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-DP	1.00		Clayey Sand (SP), reddish-brown, with organics (roots), moist.	FID=0.0 ppm Sample=UX01
	3.0	2-DP	1.75		0-6", as above, reddish-brown, moist, partially friable. 6"-24", Silty Clay (CH), light gray, moist, plastic.	FID=0.0 ppm
	6.0	3-DP	1.87		0-12", Silty Clay (CH) with gravel, dark brown to gray, dry. 12"-20", Silty Clay (CH), dark gray, dry, plastic.	FID=0.0 ppm
	9.0	4-DP	1.50		Gravelly Clay (CL), light brown with sand seams, moist to wet, friable.	Water at 11' bgs Sample=UX02 Sample=UL01 (field organics) FID=0.0 ppm
10.0	12.0	5-DP	2.25		As above, wet, friable.	FID=0.0 ppm
	15.0				Total Depth=15' Location: Site 3; near northwest corner of Loop 12/Davis Street	Water Sample=GD01 (field organics, TAL) Backfilled with bentonite plug and hydrated
20.0						
25.0						

024971

024971

PROJECT NUMBER
111432.FLFSBORING NUMBER
3J-5001

SHEET 1 OF

SOIL BORING LOG

024972

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6980544.95 E2453781.61

ELEVATION 439.53 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 423.53 ft. MSL 4/8/95

START 04/08/95

FINISH 04/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 8" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0					0-8" and 14-15", see previous boring log dated 4/8/95	
8						
10.0		1-SS	1.5		GRAVELLY CLAY (CL), light brown, moist, friable, with sand streamers.	FID = 0 ppm
10						
12		2-SS	1.7		As above, moist.	FID = 0 ppm Water at 12" bgs. Sample-UL01 (TAL, TCL) (11-12')
14		3-SS	1.8		0-8", as above, wet. 8-22", SILTY CLAY (CL), light brown, moist, hard, dense, small amount of gravel (~5%).	FID = 0 ppm
15.0		4-SS	1.8			
15						
17		5-SS	1.9		SILTY CLAY (CL), light brown, wet, hard, dense, with gravel (~5%).	No FID, wet
19		6-SS	1.9		As above.	No FID, wet
20.0						
21		7-ST	NR		SILTY CLAY (CL), light brown and gray mottled, dry, very lean.	FID = 0 ppm Drilled through endcap to 22" (through isolation casing)
22		8-ST	NR			
24		9-ST	NR			
25.0		10-SS	0.7			
25						
11-ST		17				
					SILTY CLAY (CL), dark blue, dry, plastic.	FID = 0 ppm
					SILTY CLAY (CL), dark brown, small portions of gray mottling, dry, very dense.	FID = 0 ppm

024972



PROJECT NUMBER
11432.F1.FS

BORING NUMBER
3J-S001

SHEET 2 OF

SOIL BORING LOG

024973

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6960544.95 E2453761.61

ELEVATION 439.53 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 423.53 ft. MSL 4/6/95

START 04/08/95

FINISH 04/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	31	14-ST	1.7		As above, dry, dense.	FID = 0 ppm
	33	15-ST	1.8		SILTY CLAY (CL), dark brown and blue mottled, dry, very dense, more plastic than previous, but lean.	FID = 0 ppm
	35	16-ST	1.4		As above.	FID = 0 ppm
	37	17-ST	1.7		As above, dry, very lean.	FID = 0 ppm
	39	18-ST	1.54		As above.	FID = 0 ppm
40.0	41	19-ST	1.7		As above.	FID = 0 ppm
	43	20-ST	1.8		As above.	FID = 0 ppm
	45	21-ST	1.7		0-10", as above. 10-21", CLAY (CL), dark blue, dry, friable, weathered.	FID = 0 ppm Sample 46-49" = UL03 (geotechnical parameters)
	47	22-ST	1.5		Collected for geotechnical analysis.	Collected for geotechnical analysis
	49	23-ST	1.7		SHALE, dark blue, moist, friable.	
50.0	51	24-ST	0.7		SILTY CLAY (CL), dark brown and blue mottled, moist, very dense, lean.	FID = 0 ppm Sample 51-53" = UL03 (TAL, TCL)
	53	25-ST	0.8		0-13", SILTY CLAY WITH GRAVEL (CH), dark brown and gray mottled, wet 13-21" SHALE (CL), dark blue, dry, hard, friable.	Water at 53' bgs
	55	26-ST	0.5		SHALE (CL), dark blue, dry, very hard, dense.	FID = 0 ppm
					Total Depth=57' Location: Site 3; Southeast side of Area 3D.	Boring terminated 57' bgs

024973



PROJECT NUMBER

111432.FLFS

BORING NUMBER

3J-S001

SHEET 1 OF

WELL COMPLETION LOG

024974

PROJECT RSR 003 Groundwater Investigation

LOCATION N6980544.95 E2453781.81

ELEVATION 439.53 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

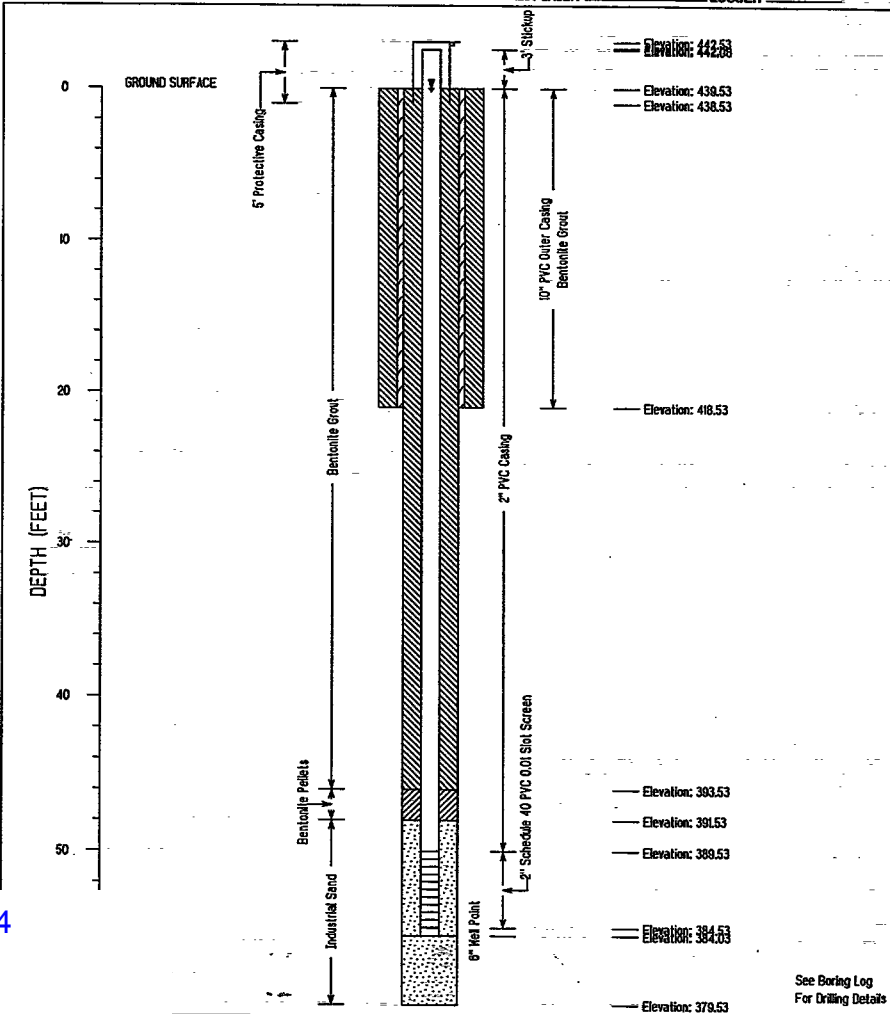
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 424 ft. MSL 4/8/95

START 04/08/95

FINISH 04/21/95

LOGGER M. Burkhardt



024974

PROJECT NUMBER
111432.FLFSBORING NUMBER
3K-S002

SHEET 1 OF

SOIL BORING LOG

024975

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8982225.47 E 2454108.97

ELEVATION 432.27 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADDDT MWC-514)

WATER LEVELS None Observed

START 2/23/95

FINISH 2/23/95

LOGGER M. Burkhar

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	0	1-DP	1.08		Clay (CH), light brown, moist, plastic, landfill debris (battery chips), 0-5".	FID=0.0 ppm Sample=UX01 Sample=UL01 (TAL)
5.0	3.0					
		2-DP	3.00		0-10". As above. 10"-35". Silty Clay (CL), light brown, calcareous nodules, increasing silt content with depth.	FID=0.0 ppm
	6.0					
		3-DP	2.75		Silty Clay (CL), tan, dry, very lean, hard, friable.	FID=0.0 ppm
	9.0					
10.0		4-DP	3.00		As above.	FID=0.0 ppm
	12.0					
		5-DP	2.00		0-15". Silty Clay (CL), light brown to olive, dry, hard, friable. 15"-21". Silty Clay (CL) with Gravel, dry, very hard, friable, calcite within.	FID=0.0 ppm
	14.0					
15.0	15.0				As above.	FID=0.0 ppm
		6-DP	2.00			No water observed
	18.0					
20.0					Total Depth=18' Location: Site 3; western side of Area 3K	Refusal at 18' bgs Backfilled with bentonite plug and hydrated
25.0						

024975

PROJECT NUMBER
TXE05078.FLFSBORING NUMBER
3K-S002

SHEET 1 OF

SOIL BORING LOG

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8962225.47 E2454106.97

ELEVATION 432.27 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS None observed

START 04/28/95

FINISH 04/28/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 8" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-15" bgs, see previous boring log date 2/23/95. (geoprobe)	
15.0	15					
	17	1-ST	2.0		Core collected for geotechnical analysis.	Sample 15-18" = UL02 (geotechnical parameters)
	19	2-ST	1.3		SILTY CLAY (CL) with some sand and gravel, brown, dry, very hard, calcareous deposits.	FID = 0.0 ppm
20.0	21	3-ST	1.4		SILTY CLAY (CL) with fine sand and gravel, brown, dry, very hard, shells present.	FID = 4 ppm
	23	4-ST	1.58		0-12", SILTY CLAY (CL) with well sorted sand and gravel, brown, dry, hard. 12-18", SILTY CLAY (CL) brown, dry, very hard.	FID = 3 ppm
	25	5-ST	1.7		SILTY CLAY (CL) brown, with black mottled staining, dry, hard.	FID = 2 ppm
25.0		6-ST	1.3		0-12", SILTY CLAY (CL) brown, with black mottled staining, dry, hard. 12-18", SILTY CLAY (CL) olive, dry, hard.	FID = 3 ppm
					SILTY CLAY (CL) dark olive with gray mottling, dry, lean, with sporadic gravel pieces.	FID = 6 ppm
					SILTY CLAY (CL) olive and gray mottled, slightly moist, firm, with little gravel.	FID = 3 ppm

024976

024976

PROJECT NUMBER
TXE65878.F1FSBORING NUMBER
3K-S002

SHEET 2 OF

SOIL BORING LOG

024977

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6982225.47 E2454108.97

ELEVATION 432.27 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS None observed

START 04/28/95

FINISH 04/28/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
	31					
	33	9-ST	1.8		SILTY CLAY (CL) olive gray, increased moisture, increase in gravel toward bottom, firm, slightly plastic.	FID = 0 ppm
	35	10-ST	1.5		As above.	FID = 0 ppm
35.0	37	11-ST	1.7		Similar to above, with increasing gravel content.	FID = 0 ppm
	39	12-ST	1.8		As above.	
40.0	41	13-ST	1.9		CLAY (CL) brown to gray, with weathered shale crystals.	FID = 0 ppm
	43	14-ST	2.0		0-20", As above. 20"-24", SHALE, gray, weathered.	FID = 0 ppm
	45	15-ST	1.3			FID = 0 ppm
45.0	47	16-ST	2.0		SHALE, gray, dry.	FID = 0 ppm
					Total Depth = 47" Location: Site 3; central portion of Area 3K	Boring terminated 47' bgs Backfilled with bentonite plug and hydrated
50.0						
55.0						

024977

024978

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NUMBERING PURPOSES ONLY.

024978

84048-008



PROJECT NUMBER

TXE65676.FLFS

BORING NUMBER

3K-S016

SHEET 1 OF

SOIL BORING LOG

024979

PROJECT RSR 0U3 Subsurface Soils Investigation

LOCATION N6962072 E2453871

ELEVATION 430.97 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 380 ft. MSL 5/12/95

START 05/11/95

FINISH 05/12/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 0" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0 2	1-ST	1.1		SILTY CLAY (CL) brown, moist, slightly plastic, with battery chips.	FID = 5 ppm Sample = UX01
	4	2-ST	1.58		SILTY CLAY (CL) brown, moist, slightly plastic.	FID = 5 ppm
	6 8	3-ST	1.9		0-10", same as above. 10-23", SILTY CLAY (CL) brown, dry, hard.	FID = 0.0 ppm
	8 8	4-ST	1.7		SILTY CLAY (CL) very dry, very hard, with crystallization.	FID = 0.0 ppm
	10.0	10 10	5-ST	1.9		SILTY, VERY FINE SANDY CLAY (CL) dry, firm, with gravel at 9' bgs.
12 12		6-ST	1.9		As above.	FID = 0.0 ppm
14 14		7-ST	1.8		SILTY SANDY CLAY (CL) brown, dry, firm, abundant gravel and cobbles.	FID = 0.0 ppm
15 15		8-ST	1.1		SILTY SANDY CLAY (CL) brown, dry, hard.	FID = 0.0 ppm
15.0		17 17	9-ST	1.8		0-18", SILTY CLAY (CL) brown, dry, hard. 18-22", SILTY CLAY (CL) brown, dry, hard, with cobbles.
	19 19	10-ST	1.8		SILTY SANDY CLAY (CL) brown, slightly more moist, firm.	FID = 25 ppm
	20 20	11-ST	1.1		SILTY CLAY WITH GRAVEL (CL) brown, increase in moisture, firm.	FID = 20 ppm
	22 22	12-ST	1.58		SILTY CLAY WITH GRAVEL (CL) brown, moist, hard, small seams with calcite crystals.	FID = 200 ppm
	24 24	13-ST	1.5		As above.	FID = 100 ppm
25.0	25 25	14-ST	1.0		Similar to above, with cobbles.	FID = 500 ppm
	15-ST	1.7			0-13", As above. 13-21", SILTY CLAY (CL) with some sand and gravel.	FID = 600 ppm
					0-15", As above. 15-22", Similar to above, with shells.	FID = 800 ppm
					0-15", As above. 15-22", SILTY CLAY (CL) brown to gray, moist, firm, sand and gravel with weathered SHALE.	FID = 800 ppm

024979



PROJECT NUMBER

TXE65678.FIFS

BORING NUMBER

3K-S016

SHEET 2 OF

SOIL BORING LOG

024980

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6982072 E2453871

ELEVATION 430.97 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 380 ft. MSL 5/12/95

START 05/11/95

FINISH 05/12/95

LOGGER M. Wilson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
35.0	31					
	18-ST	1.9			SILTY CLAY (CL), brown to gray, moist, softer, with some fine sand.	FID = 1000 ppm
	33					
	19-ST	1.9			SILTY CLAY (CL), brown to gray, dry, firm.	FID = 600 ppm
	35					
	20-ST	1.3			SILTY CLAY (CL), olive with gray and white mottling, dry, lean.	FID = 200 ppm
40.0	37					
	21-ST	1.2			As above.	FID = 300 ppm
	39					
	22-ST	1.1			As above.	FID = 100 ppm
	40					
	23-ST	1.8			As above.	FID = 200 ppm
45.0	42					
	24-ST	1.4			As above.	FID = 100 ppm
	44					
	25-ST	1.58			As above.	FID = 0.0 ppm
	46					
	26-ST	1.8			As above.	FID = 0.0 ppm
50.0	48					
	27-ST	1.7			SILTY CLAY WITH GRAVEL (CL), olive with gray and white mottling, dry, lean.	FID = 0.0 ppm
	50					
	28-ST	1.7			As above, moist.	FID = 3 ppm Sample = UL01 (TAL, TCL) (S1-S2)
	52					
	29-ST	2.0			Similar to above, very moist, gravel content increased.	FID = 1 ppm
55.0	54					
	30-ST	1.8			0-12", As above. 13-22", SHALE, dry, hard.	FID = 1 ppm
56						
					Total Depth = 56' Location: Site 3; west side of Area 3K	Boring terminated 56" bgs

024980



PROJECT NUMBER

TXE85878.F1FS

BORING NUMBER

3K-S01B

SHEET 1 OF

WELL COMPLETION LOG

024981

PROJECT RSR 003 Groundwater Investigation

LOCATION N8962072 E2453871

ELEVATION 430.97 ft. MSL

DRILLING CONTRACTOR

Terra-Mar, Inc. (M. Chism - Driller)

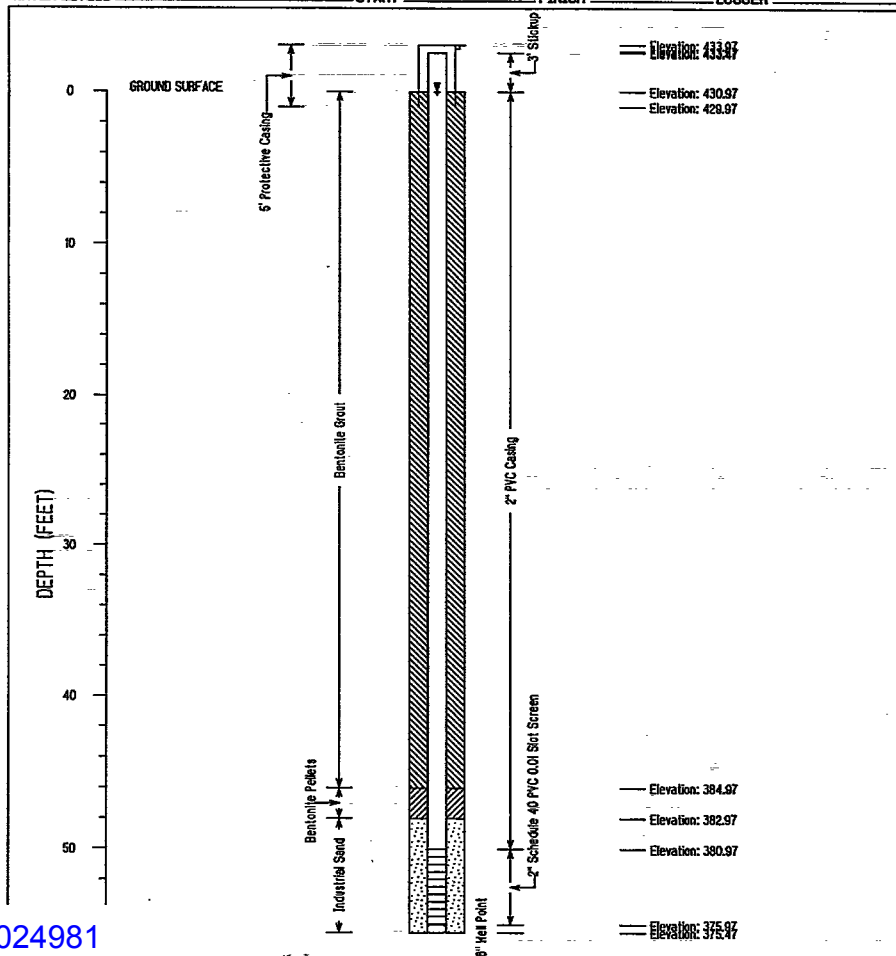
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 380 ft. MSL 5/12/95

START 05/11/95

FINISH 05/12/95

LOGGER M. Wilson



024981

See Boring Log
For Drilling Details

024982

Appendix A-3
Remedial Investigation Soil Boring Logs
and Well Construction Diagrams
Site 4

024982

PROJECT NUMBER
M432.F1FSBORING NUMBER
4A-S02

SHEET 1 OF

SOIL BORING LOG

024983

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6973094 E 2457289

ELEVATION 418.83 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 412 ft. MSL 2/21/95

START 2/21/95

FINISH 2/21/95

LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -8" -8" (N)	SOIL DESCRIPTION		COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY		
5.0	0 3.0	1-DP	1.33		Sandy Clay (CL), light brown and tan, moist, friable, with root zones 0-8".	FID=0.0 ppm Sample=UX01	
	3.0 6.0	2-DP	0.08		As above, with landfill debris (glass).	No FID--recovery not sufficient	
	6.0 9.0	3-DP	0.75		Silt (MH), gray, very wet, soft, plastic.	No FID--wet Water at 6' bgs	
10.0	9.0 12.0	4-DP	3.00		0-33" Silty Sand (SP), olive to tan, wet, unconsolidated. 33"-38", Gravelly Sand (SW), wet, unconsolidated, friable.	No FID--wet	
	12.0 15.0	5-DP	3.00		0-28", as above. 28"-38", Shale, brown and gray mottled, dry, friable.	FID=0.0 ppm	
15.0	15.0				Total Depth=15' Location: Site 4; northeast side of Area 4A	Backfilled with bentonite plug and hydrated	
20.0							
25.0							

024983

PROJECT NUMBER
TXE65878.F1FSBORING NUMBER
4A-S012

SHEET 1 OF

SOIL BORING LOG

024984

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N8973094 E2457289

ELEVATION 415.03 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 404 ft. MSL 3/11/95

START 03/11/95

FINISH 03/11/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
					0-4' bgs, see previous boring log dated 2/21/95 (geoprobe)	
5.0	4					
	6	1-ST	0.9		0-8" SILTY CLAY (CH), dark gray, moist, plastic. 8"-11" Landfill debris (wood, paper).	FID = 250 ppm
	8	2-ST	1.2		SILTY CLAY (CL), dry, very hard, friable.	FID = 60 ppm
10.0	10	3-ST	0.9		As above.	FID = 40 ppm Sample = UL01 (TAL, TCL) (8"-10")
	12	4-ST	1.1		0-8" As above. 8"-14" SILTY SAND (SP), olive to tan, moist, friable.	FID = 0 ppm
	14	2-ST	0.5		GRAVELLY SAND (SW), dark brown, unconsolidated, wet.	No FID - wet
15.0	15	3-ST	NR			Push refusal at 15' bgs
	16					Drilled through 15'-16' bgs
20.0					Total Depth = 16' Location: Site 4; west side of Area 4C	Boring terminated 16' bgs
25.0						

024984



PROJECT NUMBER

III432.FLFS

BORING NUMBER

4A-S030

SHEET 1 OF

SOIL BORING LOG

024986

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8973821 E 2457381

ELEVATION 419.87 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD MWC-514)

WATER LEVELS 402 ft. MSL 2/22/95

START 2/22/95

FINISH 2/22/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 8" -6" -8" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
					SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	0.88		Organic Clay with Sand (OH), dark brown, moist, plastic, roots throughout.	FID=10 ppm Sample=UX01
	3.0					
		2-DP	2.50		Sandy Clay with Silt (CL), tan and dark brown mottled, dry, friable.	FID=100 ppm
	6.0					
10.0		3-DP	1.33		0-7", as above. 7"-16", Clay (CL), black, dry, friable.	FID=80 ppm Distinct hydrocarbon odor
	9.0					
		4-DP	1.08		0-6", as above. 6"-13", Silty Sand (SP), light brown, dry, increasing sand content with depth.	FID=20 ppm Sample=UX02 Sample=UL01 (TAL, TCL)
	12.0					
15.0		5-DP	1.33		0-13", Gravelly Sand (SW), tan, wet, unconsolidated. 13"-16", Shale, light gray, hard, dry, friable.	Water at 12' bgs No FID-wet
	15.0					
		6-DP	0.50		As above.	
	17.0					
20.0					Total Depth=17' Location: Site 4; north side of Area 4A	Backfilled with bentonite plug and hydrated
25.0						

024986

PROJECT NUMBER
TXE05078.FLFSBORING NUMBER
4A-S030

SHEET 1 OF 1

SOIL BORING LOG

024987

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6973821 E2457381

ELEVATION 414.86 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile 861 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 401.86 ft. MSL 3/21/95

START 03/21/95

FINISH 03/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY	8" - 6" - 6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0					0-13' bgs, see previous boring log dated 2/22/95 (geoprobe) 0-9', SILTY CLAY (CL), light brown (from cuttings).	
10.0					9'-13', SAND (SP) TO SILTY SAND (SM), light brown (from cuttings).	
13						
15	1-SS	NR			GRAVELLY SAND (SM), ~50% gravel, wet.	Water at 13' bgs
17	N/A	N/A				Drilled through 15'-17' bgs after push attempt
19	2-SS	LB			SHALE, dark gray, dry, very hard, friable.	
20.0					Total Depth = 17.5' Location: Site 4; northwest side of Area 4A	Boring terminated 17.5' bgs
25.0						

024987



PROJECT NUMBER

TXE65678.FLFS

BORING NUMBER

4A-S030

SHEET 1 OF 1

WELL COMPLETION LOG

024988

PROJECT RSR OU3 Groundwater Investigation

LOCATION N8973630 E2457390

ELEVATION 414.86 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

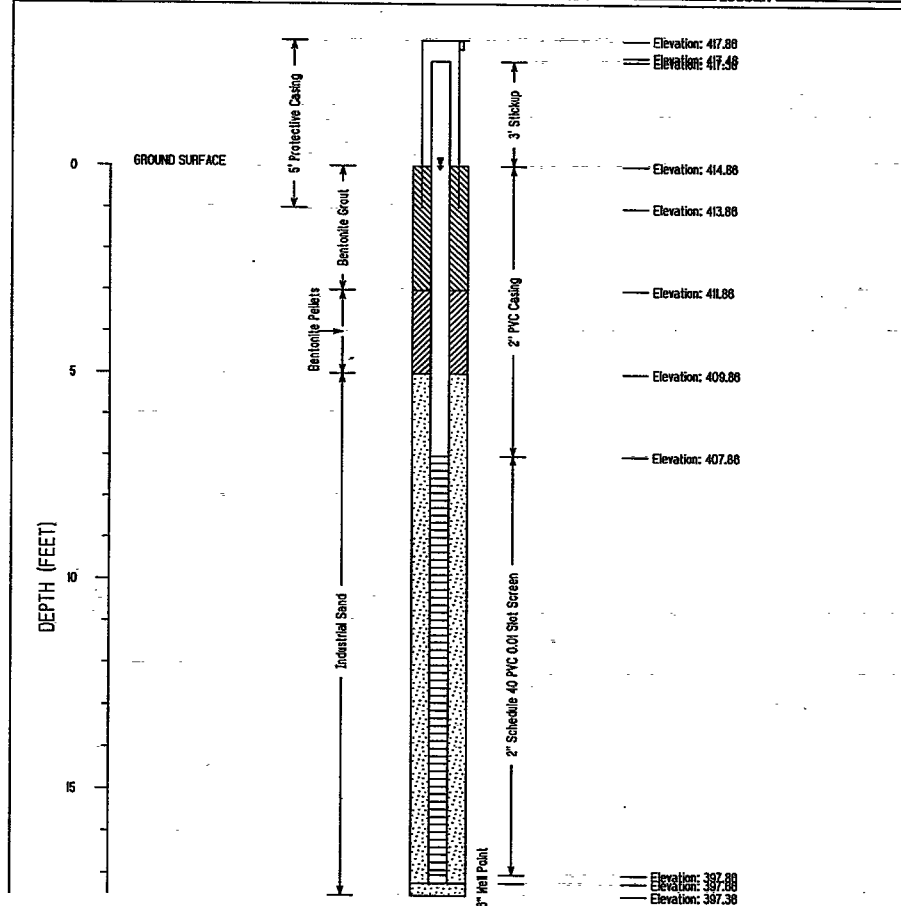
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 402 ft. MSL 3/21/95

START 03/21/95

FINISH 03/21/95

LOGGER M. Burkhardt



024988

See Boring Log
For Drilling Details

PROJECT NUMBER
111432.FLFSBORING NUMBER
4A-S047

SHEET 1 OF 1

SOIL BORING LOG

024989

PROJECT RSR Q03 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6972590 E 2457570

ELEVATION 418.82 ft. MSL

DRILLING CONTRACTOR JEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD MWC-514)

WATER LEVELS 408 ft. MSL 2/21/95

START 2/21/95

FINISH 2/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	INTERVAL	SAMPLE		STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION	COMMENTS
		NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	0.91		Organic Sand (SP), dark brown to black, dry, friable, with root zones.	FID=0.0 ppm Sample=UX01
	3.0	2-DP	NR			No FID Residual landfill debris (glass shards) in core barrel
	6.0	3-DP	1.18		0-8" Silty Clay (CH), dark gray, moist, plastic. 8"-14", landfill debris (paper, cloth, glass).	FID=20 ppm Sample=UX02 Sample=UL01 (TAL)
10.0	9.0	4-DP	1.08		0-7", Landfill debris (glass and metal fragments). 7"-13", Clayey Sand (SC), tan to light brown, moist, friable.	No FID-wet Water at 9' bgs
	12.0	5-DP	1.33		Silty Sand (SM), tan, wet, with increasing sand content with depth.	No FID-wet
15.0	15.0	8-DP	0.83		Shale, gray and tan mottled, dry, hard, friable.	FID=0.0 ppm
	17.0				Total Depth=17' Location: Site 4; southern side of Area 4A	Backfilled with bentonite plug and hydrated
20.0						
25.0						

024989

PROJECT NUMBER
111432.FLFSBORING NUMBER
4A-S047

SHEET 1 OF

SOIL BORING LOG

024990

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N8972588.07 E2457571.4

ELEVATION 417.04 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 408.04 ft. MSL 3/18/95

START 03/18/95

FINISH 03/20/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -8" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	5				Note: see previous log dated 2/21/95 (Strataprobe)	
	7	1-SS	NR			
	9	2-SS	1.8		0-15", SILTY CLAY (CL), dark gray, dry, friable. 15-30", SILTY CLAY WITH SAND (CL), light brown, wet, small percent gravel.	FID = 2000ppm Sample 7'-9" = UL01 (TAL, TCL)
10.0	13					Drilled through 9-13' bgs
	15	1-SS	NR			
15.0	17	2-SS	0.9		SILTY SAND (SP), gray, wet, possibly slough.	No FID, wet
	18	3-ST	1.08		SHALE (CL), dark gray, dry, extremely hard, friable.	
20.0					Total Depth=17.5' Location: Site 3; West side of Area 4A	Boring terminated 17.5' bgs
25.0						

024990



PROJECT NUMBER

IM432.FILES

BORING NUMBER

4A-S047

SHEET 1 OF

WELL COMPLETION LOG

024991

PROJECT RSR 003 Groundwater Investigation

LOCATION N6972588.07 E2457571.40

ELEVATION 417.04 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

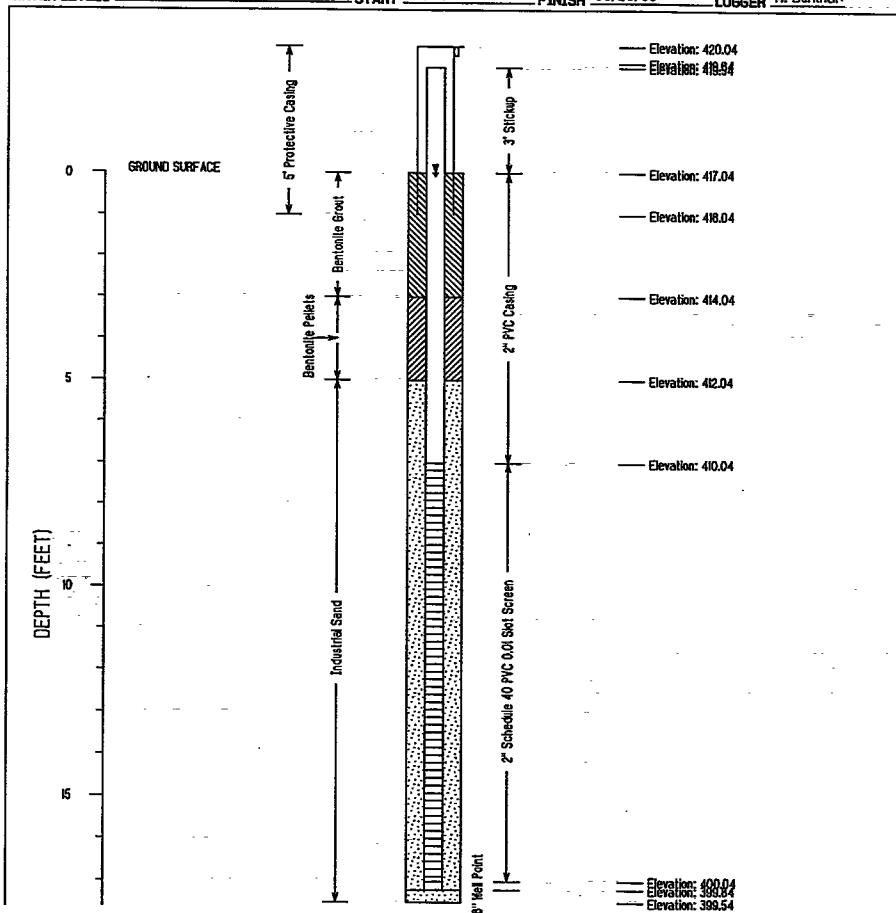
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 409 ft. MSL 3/18/95

START 03/18/95

FINISH 03/20/95

LOGGER M. Burkhan



024991

See Boring Log
For Drilling Details

PROJECT NUMBER
M432.FIFSBORING NUMBER
4A-S060

SHEET 1 OF

SOIL BORING LOG

024992

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6973495.48 E 2457889.98

ELEVATION 413.83 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 405 ft MSL 2/21/95

FINISH 2/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0 3.0	1-DP	1.75		0-10", Clay Silt (MH), tan to yellow, moist, plastic, landfill debris (glass), 10"-31", Silty Clay (CL), dark gray, dry, friable.	FID=0 ppm Sample=UX01
	6.0	2-DP	0.25		As above, with landfill debris (glass and plastic).	FID=10 ppm
	9.0	3-DP	0.04		Landfill debris (glass and plastic).	No FID-insufficient recovery
10.0	12.0	4-DP	0.08		Gravelly Sand (SW), yellow to tan, wet, friable, unconsolidated.	FID=0 ppm (cuttings only) Water at 9' bgs
	14.0	5-DP	1.25		As above.	No FID-wet
15.0	17.0	6-DP	1.88		0-19", as above. 19"-20", Shale, gray, moist, very hard, friable.	No FID-wet
20.0					Total Depth=17' Location: Site 4; north side of Area 4A	Backfilled with bentonite plug and hydrated
25.0						

024992

PROJECT NUMBER
TXE85878.FLFSBORING NUMBER
4A-S080

SHEET 1 OF

SOIL BORING LOG

024993

PROJECT RSR Q03 Subsurface Soils Investigation

LOCATION N8973213 E2457881

ELEVATION 425.63 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 408 ft. MSL 3/20/95

START 03/20/95

FINISH 03/20/95

LOGGER M. Burkhan

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 8" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-ST	0.7		SILTY CLAY (CL) with gravel, dark brown to olive, dry, hard, friable, some asphalt.	FID = 0.0 ppm Sample = UX01 Sample = UL01 (TAL)
	2					
	4	2-ST	0.6		Similar to above, with landfill debris (glass and paper).	FID = 40 ppm
	6					
	8	3-ST	0.7		Similar to above, with landfill debris (glass).	FID = 45 ppm
	10					
10.0	12	4-ST	0.8		Similar to above, with landfill debris (glass and wood).	FID = 4 ppm
	14					
	16	5-ST	1.0		SILTY CLAY (CL) dark gray, dry, hard, friable, with landfill debris (glass and wood chips).	FID = 0.0 ppm
	18					
	20	6-ST	0.2		SILTY CLAY WITH GRAVEL (CL) dark gray, dry, friable.	FID = 0.0 ppm
	22					
15.0	24	7-ST	1.7		0-13" SILTY CLAY (CH) dark brown, dry, plasticity increasing with depth. 13-21" SILTY CLAY WITH SAND (CH) dark gray and tan, laminated, dry.	FID = 20 ppm
	26					
	28	8-ST	1.8		0-10" SILTY CLAY WITH SAND, as above. 10"-22" SILTY SAND WITH GRAVEL (SP) (-5%) consolidated, olive to dark brown, moist.	FID = 10 ppm
	30					
	32	9-ST	1.5		As above.	FID = 0.0 ppm Sample = UX02 Sample = UL02 (TAL, TCL)
	34					
20.0	36	10-ST	1.8		0-3" SANDY GRAVEL (GW) dark brown, wet, unconsolidated. 3"-20" SHALE dark gray, very hard, friable.	FID = 0.0 ppm Water at 18' bgs. Drilled to 19.5' bgs, pushed to 20' bgs.
	38					
25.0	40				Total Depth = 20' Location: Site 4; southeast side of Area 4C	Boring terminated 20' bgs
	42					

024993



PROJECT NUMBER

TXE85678.FIFS

BORING NUMBER

4A-S080

SHEET 1 OF

WELL COMPLETION LOG

024994

PROJECT RSR 003 Groundwater Investigation

LOCATION N6973187.07 E2457864.19

ELEVATION 425.63 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

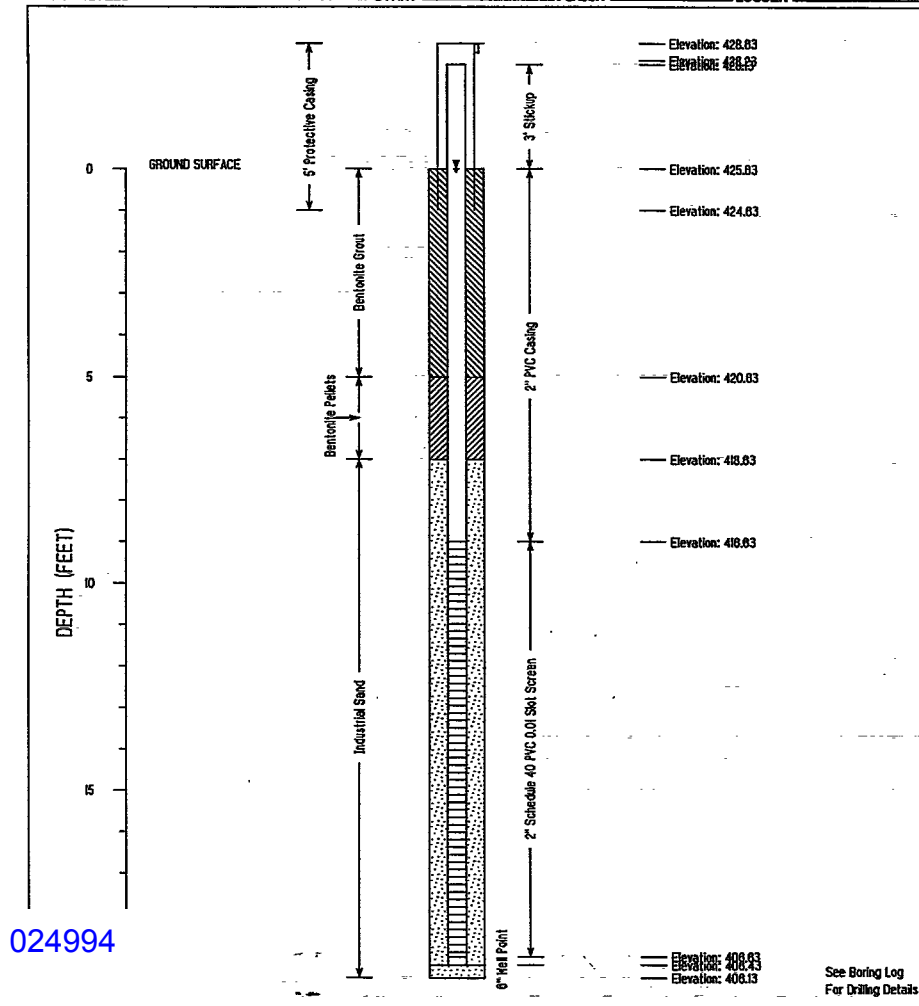
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 408 ft. MSL 3/20/95

START 03/20/95

FINISH 03/20/95

LOGGER M. Burkhard.





PROJECT NUMBER

111432.FLIFS

BORING NUMBER

4A-S095

SHEET 1 OF

SOIL BORING LOG

024995

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6972773.57 E 2457936.43

ELEVATION 418.21 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 401 MSL 2/21/95

START 2/21/95

FINISH 2/21/95

LOGGER M. Burkhar

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0 3.0	1-DP	2.50		0-13", Silty Clay (CL), dark brown, dry, friable. 13"-30", Sandy Clay (CL), gray and tan mottled, dry, hard, friable, with root zones.	FID=0.0 ppm Sample=UX01 (0-12") Sample=UX02 (12"-30")
	3.0 8.0	2-DP	3.00		As above, with slight moisture.	FID=0.0 ppm
	8.0 9.0	3-DP	1.16		Clayey Silt (MH), olive, moist, moderately plastic, homogeneous.	FID=0.0 ppm
	9.0 12.0	4-DP	2.58		Silty Clay (CL) with small sand seams, dark brown, dry, friable.	FID=0.0 ppm
15.0	12.0 15.0	5-DP	2.83		0-28", As above. 28"-38", Sandy Silt (MH), tan to brown, moist, moderately plastic.	FID=0.0 ppm Sample=UX03 Sample=U01 (TAL, TCL)
	15.0 17.0	6-DP	2.00		0-13", Gravely Sand (SW), light brown, wet, friable. 13"-24", Shale, dark gray, dry, hard, friable.	FID=0.0 ppm Water at 15' bgs
20.0					Total Depth=17" Location: Site 4; eastern side of Area 4A	Backfilled with bentonite plug and hydrated
25.0						

024995

PROJECT NUMBER
TXE65678.FLFSBORING NUMBER
4B-S001

SHEET 1 OF

SOIL BORING LOG

024996

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6972301 E2458453

ELEVATION 425.83 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 408 ft. MSL 3/17/95

START 03/17/95

FINISH 03/17/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	1.1		0-6", ORGANIC SAND (SP), light brown, dry, friable, with root zones.	FID = 0.0 ppm Sample 0-2' = UX01
	2				6-14", SILTY CLAY WITH SAND (CL), dark brown and tan mottled, dry, friable.	
	3	2-ST	1.0		Similar to above, with landfill debris (battery chips, glass).	FID = 0.0 ppm Sample 2-3' = UL01 (TAL, TCL)
	4.5	3-ST	1.08		SILTY CLAY WITH SAND (CL), dark gray to tan, dry, friable, with landfill debris.	FID = 2 ppm
	5	4-ST	0.4		As above.	FID = 0.0 ppm
		5-SS	1.3		SILTY CLAY (CL), dark gray to tan, dry, friable.	FID = 20 ppm
	7				As above.	FID = 10 ppm
	8	6-SS	0.8		Similar to above, slightly more plastic.	FID = 20 ppm Sample = UL02 (TCLP, TOC)
10.0	10	7-ST	0.8			
		8-ST	1.08			Collected for laboratory analysis Sample = UL02 (geotechnical parameters)
	12				SILTY SAND (SP), tan to olive, moist, friable.	FID = 6 ppm Sample = UX02 Sample = UL03 (geotechnical parameters)
	14	9-SS	1.6		No recovery.	
15.0		10-ST	NR			
	16				As above.	FID = 10 ppm
	18	11-ST	0.2		No recovery.	
	19	12-SS	NR			
20.0		13-SS	1.3		GRAVELLY SAND (SM), approximately 15% gravel, tan, wet, unconsolidated.	No FID - wet Water at 19' bgs
	21				No recovery.	
		14-SS	NR		No recovery.	
	23				No recovery.	
25.0		15-SS	NR			
	25				SHALE, dark gray, dry, friable.	FID = 0.0 ppm
	25.5	16-SS	0.5		Total Depth = 25' Location: Site 4; northwest side of Area 4B	Boring terminated 25' bgs

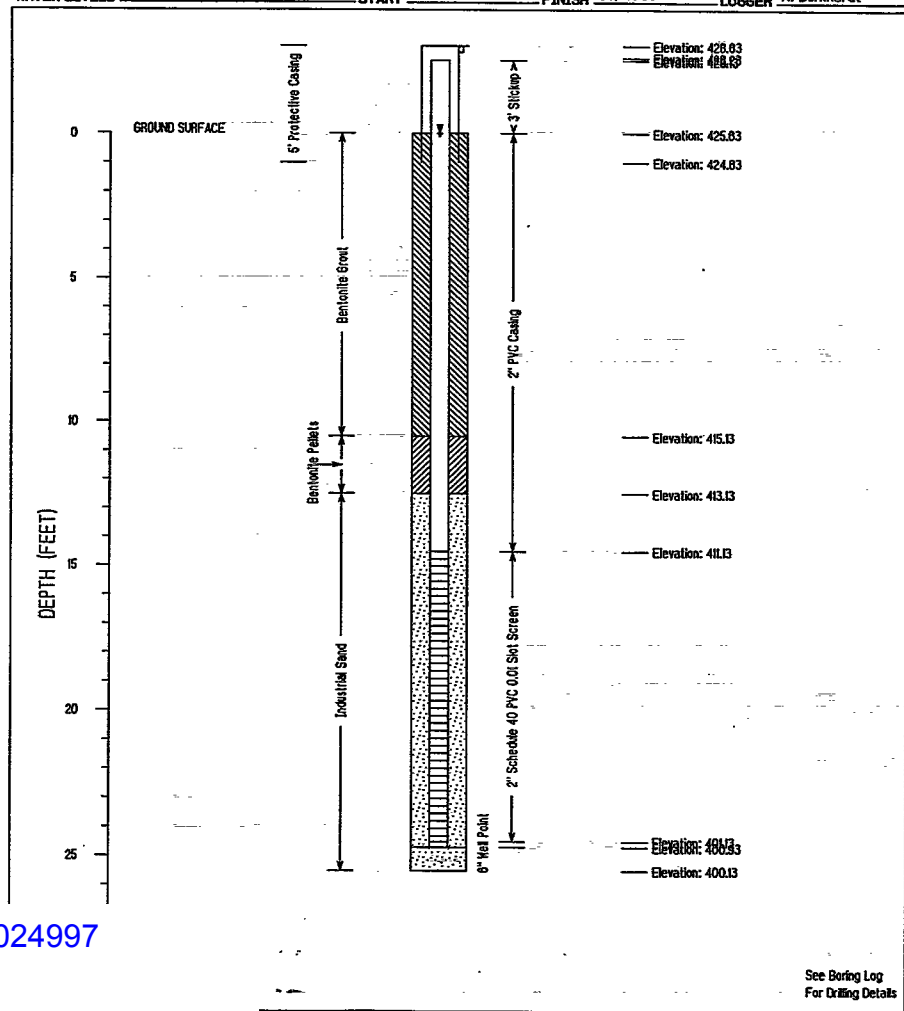
024996



PROJECT NUMBER	BORING NUMBER
TXE85878.FLFS	4B-S001
SHEET 1 OF	
WELL COMPLETION LOG	

024997

PROJECT RSR OU3 Groundwater Investigation LOCATION N8972361 E2458453
ELEVATION 425.83 ft. MSL DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)
DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA
WATER LEVELS 408 ft. MSL 3/17/95 START 03/17/95 FINISH 03/17/95 LOGGER M. Burkhardt



024997

PROJECT NUMBER
M432.F1FSBORING NUMBER
4B-S003

SHEET 1 OF 1

SOIL BORING LOG

024998

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6972103.03 E 2458614.81

ELEVATION 423.27 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 408 ft. MSL 2/21/95

START 2/21/95

FINISH 2/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
0 5.0	0	1-DP	1.75		0-8", Organic Sand (SP), light brown, dry, friable, with root zones. 8"-18", landfill debris (battery chips). 18"-21", Organic Sand (SP) with lime (road base).	FID=300 ppm Sample=UX01 Sample=UL01 (TCLP)
	3.0					
	6.0	2-DP	3.00		Silty Clay (CL), with 0.5" sand and gravel seam at 31", dark gray to black, moist, friable.	FID=100 ppm
10.0	9.0	3-DP	3.00		As above.	
	12.0	4-DP	3.00		As above, with some gravel (approximately 5%).	FID=150 ppm Sample=UX02 Sample=UL02 (TAL)
	15.0	5-DP	2.50		Silty Sand (SP), tan to olive, moist, friable.	FID=10 ppm
20.0	18.0	6-DP	2.66		Gravelly Sand (SW), tan, wet, friable.	FID=0.0 ppm Water at 15" bgs
	21.0	7-DP	3.00		0-33", Gravelly Sand (SW), tan, wet, friable. 33"-36", Shale, gray and tan mottled, dry, very hard, friable.	FID=0.0 ppm
25.0					Total Depth=21' Location: Site 4; northwest corner of Area 4B	Backfilled with bentonite plug and hydrated.

024998



PROJECT NUMBER

111432.FT.FS

BORING NUMBER

4B-S023

SHEET 1 OF 1

SOIL BORING LOG

024999

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6972090.43 E2457020.59

ELEVATION 419.07 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Track-Mounted 8 1/4" OD HSA

WATER LEVELS 407.07 ft. MSL 3/08/95

START 03/08/95

FINISH 03/08/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-ST	1.1		SANDY CLAY (CL), tan and dark brown mottled, moist, friable, root zones prevalent.	FID = 0ppm Sample 0-2' = UX01
	2					
	4	2-ST	0.9		SILTY CLAY (CL), dark gray-brown, moist, friable, paper and glass prevalent.	FID = 0ppm
	6	3-ST	0.5		As above, glass and paper prevalent.	FID = 200ppm
	8	4-SS	NR		No recovery, driller notes glass while drilling.	No FID
10.0	10	5-SS	1.8		0-8", SILTY CLAY WITH SAND (CL), olive, moist, friable. 8-20", SILTY SAND (SP), light brown to tan, moist, friable, increasing sand content with depth.	FID = 100ppm Sample 8-10' = UX02
	12	6-SS	1.5		As above, more water content at bottom.	FID = 80ppm
	14	7-SS	1.1		GRAVELLY SAND (SM), tan, wet, friable, ~50% gravel, unconsolidated.	No FID, wet
15.0	16	8-SS	1.4		CLAY (CL), dark gray, dry, very hard, friable.	FID = 0ppm
	17	9-SS	NR			
	19	10-SS	1.3		SHALE (CL) as above.	
20.0					Total Depth=19' Location: Site 4; South side of Area 4B	Boring terminated 19' bgs
25.0						

024999



PROJECT NUMBER

111432.FTFS

BORING NUMBER

4B-S023

SHEET 1 OF

WELL COMPLETION LOG

025000

PROJECT RSR 003 Groundwater Investigation

LOCATION N6972090.43 E2457020.59

ELEVATION 419.07 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

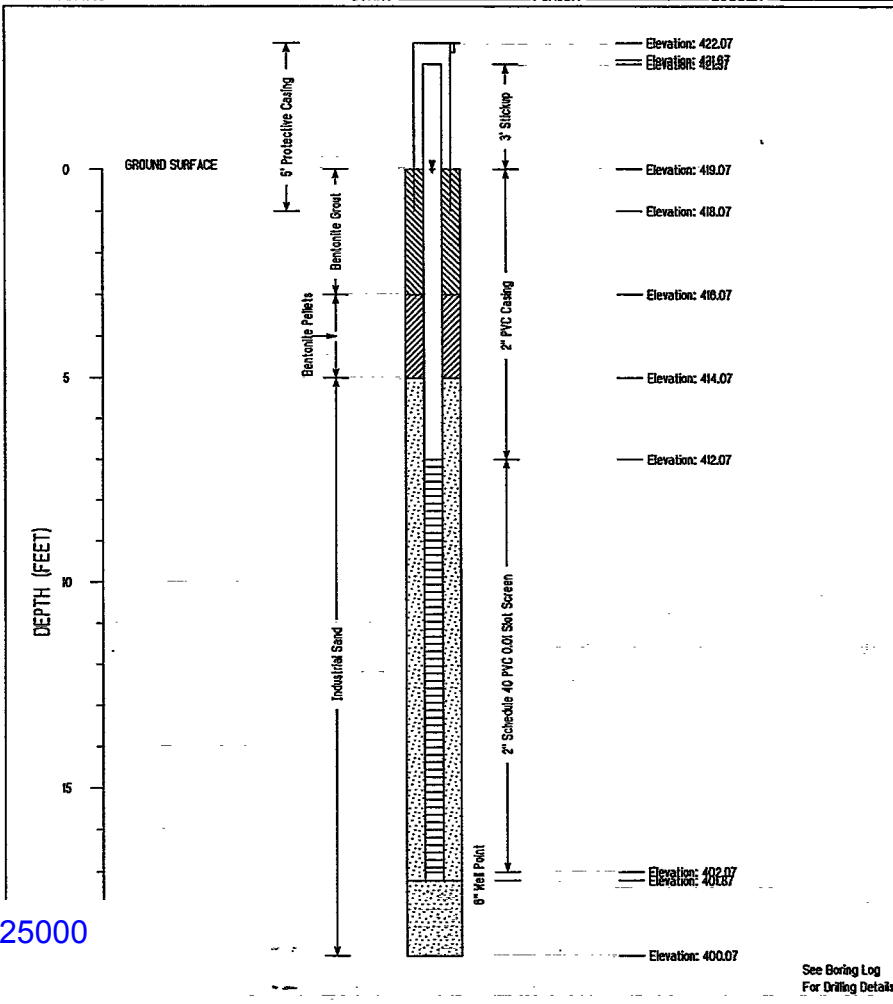
DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 407 ft. MSL 3/08/95

START 03/08/95

FINISH 03/08/95

LOGGER M. Burkhardt



PROJECT NUMBER
111432.FLFSBORING NUMBER
4B-S038

SHEET 1 OF

SOIL BORING LOG

025001

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8972141.45 E 2457218.38

ELEVATION 418.45 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD HWC-514)

WATER LEVELS 408 MSL 2/21/95

START 2/21/95

FINISH 2/21/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0 3.0	1-OP	1.75		0-3" Organic Sand (SP), light brown with root zones, dry, friable. 3"-21", Silty Clay (CL), dark gray to black, moist, friable.	FID=0.0 ppm Sample=UX01
	3.0 6.0	2-OP	1.91		Silty Clay (CL), as above, with landfill debris (paper) at bottom.	FID=0.0 ppm
	6.0 9.0	3-OP	3.00		0-8", Silty Clay (CL), as above. 8"-36", Silty Clay (CL) with Sand, olive, moist, friable.	FID=0.0 ppm
10.0	9.0 12.0	4-OP	2.58		Silty Sand (SP), light brown to tan, moist, friable, increasing sand content with depth.	FID=0.0 ppm Sample=UX02 Sample=UL02 (TAL)
	12.0 15.0	5-OP	2.58		Gravelly Sand (SW), tan, wet, friable, unconsolidated.	FID=0.0 ppm Water at 12" bgs No FID-wet
	15.0 18.0	6-OP	3.00		0-28" as above. 28"-36", Shale, dry, very hard, friable.	
20.0	18.0 25.0				Total Depth=18" Location: Site 4; southeast side of Area 4B	Backfilled with bentonite plug and hydrated

025001



PROJECT NUMBER
III432.FIFS

BORING NUMBER
4C-S009

SHEET 1 OF

SOIL BORING LOG

025002

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 897187.97 E 2455638.53

ELEVATION 428.33 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WNC-514)

WATER LEVELS 411 MSL 2/20/95

START 2/20/95

FINISH 2/20/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
0.0	0	1-DP	2.18		Silty Clay (CL), light brown, moist, hard, friable.	FID=0.0 ppm Sample=UX01
	3.0					
	6.0	2-DP	2.58		Silty Clay (CL) with Sand, light brown and tan mottled, moist, hard, friable.	FID=0.0 ppm
9.0	6.0					
	9.0	3-DP	0.88		Organic Clay (OL), black, moist, friable, landfill debris (glass).	FID=3 ppm
	12.0					
15.0	12.0	4-DP	0.88		As above.	FID=80 ppm
	15.0					
	18.0	5-DP	0.08		Landfill debris (paper, glass, plastic).	FID=20 ppm
21.0	18.0					
	21.0	6-DP	1.83		Landfill debris (glass, paper, wood) with Organic Clay (OL), black, wet, friable.	FID=4,000 ppm Strong odor from core sample Water at 15' bgs
	24.0					
27.0	21.0	7-DP	2.08		0-13", as above. 13"-25", Sandy Clay (CL), light brown to tan, moist, friable.	FID=90 ppm Sample=UX02
	24.0					
	27.0	8-DP	3.00		0-30", Silty Clay (CL), dark gray, moist friable. 30"-34", Sand with Gravel (SM), tan, moist, friable. 34"-36", Shale (CL), brown to tan, dry, very hard.	FID=3 ppm
30.0	24.0					
	30.0				Total Depth=24' Location: Site 4; west side of Area 4C	Backfilled with bentonite plug and hydrated

025002

PROJECT NUMBER
M432.FT.FSBORING NUMBER
4C S018

SHEET 1 OF

SOIL BORING LOG

025003

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6971897.18 E 2455733.93

ELEVATION 429.02 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/17/95

FINISH 2/17/95

LOGGER M. Burkha

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0 5.0	0	1-DP	1.50		Organic Clay (OL) with landfill debris (glass, paper, battery chips), black, moist.	No waste material at surface FID=Not operational Sample=UX01 Sample=UL01 (TAL)
	3.00					
		2-DP	2.59		0-24", Sandy Clay (CL), dark brown, with root zones, moist, friable. 24"-31", landfill debris (wood, cloth, glass).	
8.00 10.0	8.00					
		3-DP	0.25		Landfill debris (wood, cloth, glass).	
	9.00					
12.00 15.0		3-DP	1.09		Landfill debris (predominantly wood, some glass).	
	12.00					
		5-DP	0.42		Landfill debris (wood, paper, cloth).	
15.00 20.0	15.00					
		6-DP	0.25		As above.	
	18.00					
21.00 25.0		7-DP	0.34		As above.	
	21.00					
		8-DP	2.34		0-12", as above. 12"-28", Clay (CL), dark gray -black, moderately plastic, dry.	
24.00 25.0	24.00					
		9-DP	2.09		0-13", Sandy Clay (CL) with sand steamers, dark gray, moist, plastic. 13"-22", Clayey Sand (SH) with gravel, gray and tan mottled, moist. 22"-25", Shale, dark brown and tan mottled, dry, hard, friable.	Sample=UL02 (TAL,TCL)
					Total Depth=27' Location: Site 4; west side of Area 4C	Backfilled with bentonite plug and hydrated

025003

CRM HILL

PROJECT NUMBER
111432.FIFS

BORING NUMBER
4C-S021

SHEET 1 OF

SOIL BORING LOG

025004

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8971411 E 2455835

ELEVATION 423.22 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 408 ft. MSL 2/17/95

START 2/17/95

FINISH 2/17/95

LOGGER M. Burkha

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	1.91		0-12" Silty Clay (CL) dark brown with iron staining, dry, hard, friable. 12"-24" As above, with landfill debris (glass and wood).	Sample=UX01 (0-12") Sample=UX02 (12"-23") Sample=UL01 (0-12") (TAL)
	3.0				As above.	FID=Not Operational
	6.0	2-DP	1.25		As above, increased landfill debris, wet, friable.	Perched water in landfill material at 6'
10.0	9.0	3-DP	0.91		0-11" Clayey Silt (MH) olive, wet, moderately plastic. 11"-31" Silty Clay (CH) olive, moist, moderately plastic.	
	12.0	4-DP	2.58		0-30" Silty Clay (CL) olive, dry, friable. 30"-33" Clayey Silt (MH) olive, wet, moderately plastic.	Water at 15'
	15.0	5-DP	3.00		0-5" as above. 5"-33" Silty Clay (CL) olive, dry, friable.	
20.0	18.0	6-DP	2.75			
	21.0	7-DP	NR			
	24.0	8-DP	3.00		0-31" Silty Clay (CL) dark gray, moist, friable. 31"-36" Clay (CL) dark gray with sand seams, dry, very hard, friable.	
25.0	26.0	9-DP	0.83		Shale with small silt seams, dark gray, dry, very hard.	Sample=UX03
					Total Depth=26' Location: Site 4; southwest side of Area 4C	Backfilled with bentonite plug and hydrated

025004

PROJECT NUMBER
TXE05078.FIFSBORING NUMBER
4C-5021

SHEET 1 OF

SOIL BORING LOG

025005

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6971411 E2455841

ELEVATION 423.42 ft. MSL

DRILLING CONTRACTOR Terr-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 408 ft. MSL 3/11/95

START 03/11/95

FINISH 03/11/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0					0-12' and 16'-19' bgs, see previous boring log dated 2/17/95 (geoprobe)	
10.0	12					
	14	1-ST	LO		SILTY CLAY (CL), olive, dry, friable.	FID = 200 ppm Sample = UL02 (1AL,TCL) (12'-14') Sample = UX04 (12'-14')
15.0	16	2-SS	NR			Driller notes water entering boring at 14' bgs.
	19					Auger refusal at 19' bgs
20.0					Total Depth = 19.0' Location: Site 4; southwest side of Area 4C	Boring terminated 19' bgs
25.0						

025005

PROJECT NUMBER

TXE85678, EIES

BORING NUMBER

4C-S021

SHEET 1 OF

WELL COMPLETION LOG

025006

PROJECT RSR 003 Groundwater Investigation

LOCATION N6971411 E2455841

ELEVATION 423.42 ft. MSL

DRILLING CONTRACTOR

Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT CME 45 All-Terrain 8 1/4" OD HSA

WATER LEVELS 408 ft. MSL 3/11/95

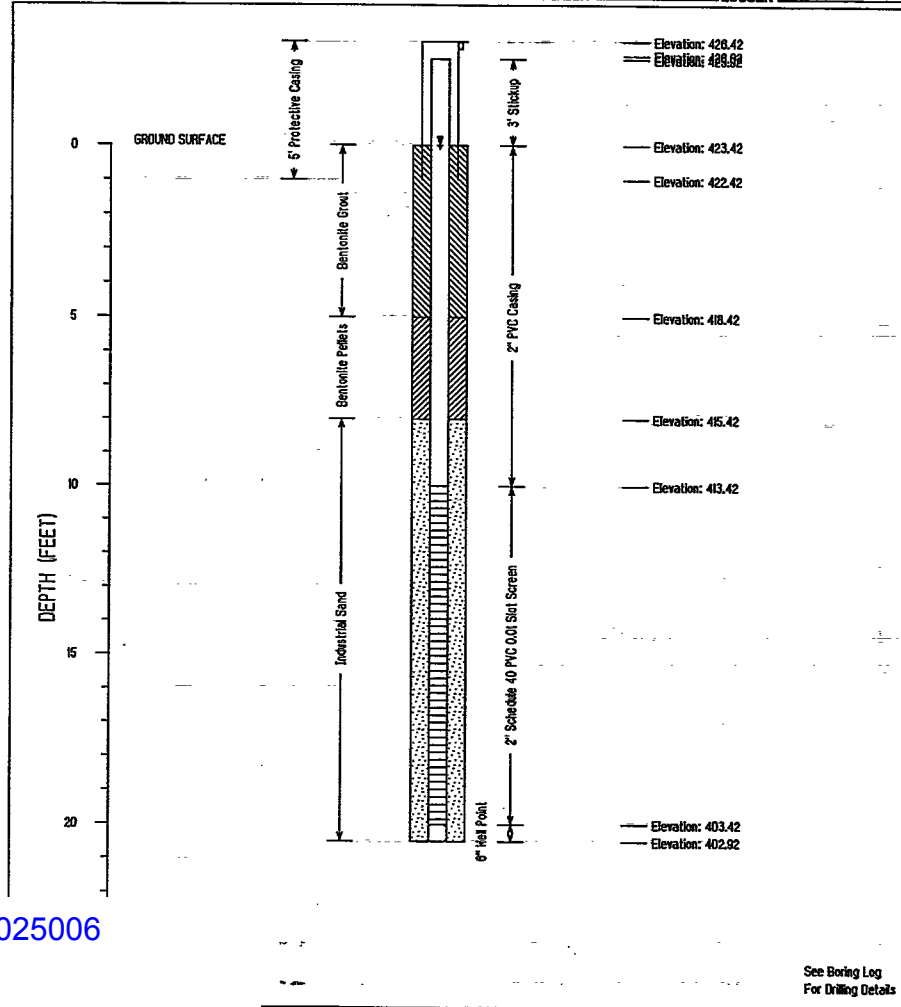
START

03/11/95

FINISH 03/11/95

LOGGER

M. Burkhardt



025006

PROJECT NUMBER
111432.F1.FSBORING NUMBER
4C-S057

SHEET 1 OF

SOIL BORING LOG

PROJECT RSR DU3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8972282.54 E 2458085.43

ELEVATION 424.88 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LAODTD WMC-514)

WATER LEVELS 403 ft MSL 2/20/95

START 2/20/95

FINISH 2/20/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-DP	2.00		Silty Clay (CL), dark brown, dry, friable, with landfill debris (brick fragments, glass, plastic).	FID=0.0 ppm Sample=UX01 Sample=UL01 (TAL)
	3.0					
	6.0	2-DP	2.08		As above, landfill debris includes battery chips.	FID=0.0 ppm
	9.0	3-DP	1.00		Landfill debris (battery chips).	FID=0.0 ppm
10.0	12.0	4-DP	0.50		Silty Clay (CL), dark brown, moist, friable, with battery chips.	FID=0.0 ppm
	15.0	5-DP	0.88		Landfill debris (wood chips, battery chips).	FID=0.0 ppm
	18.0	6-DP	0.50		Landfill debris (wood chips).	FID=0.0 ppm
	21.0	7-DP	NR			
25.0	24.0	8-DP	3.00		0-18", Silty Clay (CL), dark gray, wet, friable. 19"-28", Clayey Sand with Gravel (SW), tan, moist, friable. 28"-29", Sand with Gravel and Cobbles (SW), tan, wet, friable. 29"-36", Clay (CL), tan and gray mottled, friable.	FID=0.0 ppm Sample=UX02 Sample=UL02 (TAL) Water at 22' bgs
					Total Depth=24'	Backfilled with bentonite plug and hydrated
					Location: Site 4; northeast side of Area 4C	

025007

025007

PROJECT NUMBER
TXE65878.F1FSBORING NUMBER
4C-S057

SHEET 1 OF

SOIL BORING LOG

025008

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6942281 E2458066

ELEVATION 424.88 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 401 ft. MSL 3/18/95

START 03/18/95

FINISH 03/18/95

LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RA, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	8				0-21" bgs, see previous boring log dated 2/20/95 (geoprobe)	
	8	I-SS	NR			Unable to collect battery chips Sample 8"-8", no recovery
10.0					8"-21", Landfill debris.	
15.0						
20.0	21					
	22	2-ST	NR			
	24	3-ST	NR			
25.0	26	4-SS	1.8		0-11", SANDY GRAVEL (GW), wet, unconsolidated. 11"-20", SHALE, dark gray, dry, hard.	
					Total Depth = 26.0'	Boring terminated 26' bgs
					Location: Site 4; northeast side of Area 4C	

025008

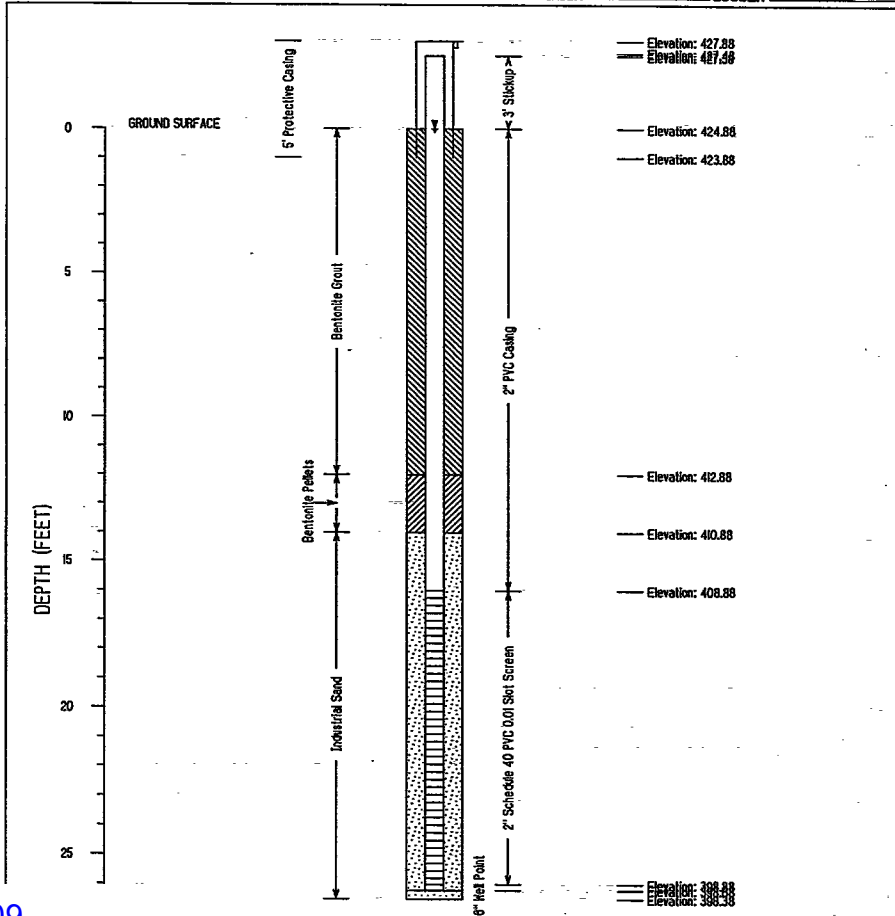


PROJECT NUMBER	BORING NUMBER	SHEET 1 OF
TXE65878.EIFS	4C-S057	

WELL COMPLETION LOG

025009

PROJECT	RSR 003 Groundwater Investigation	LOCATION	N6942281 E2458068
ELEVATION	424.88 ft. MSL	DRILLING CONTRACTOR	Terra-Mar, Inc. (C. Rigby - Driller)
DRILLING METHOD AND EQUIPMENT	Mobile B61 Truck-Mounted 8 1/4" OD HSA		
WATER LEVELS	401 ft. MSL 3/18/95	START	03/18/95
		FINISH	03/18/95
		LOGGER	M. Burkhard



025009

See Boring Log
For Drilling Details



PROJECT NUMBER

111432.FIFS

BORING NUMBER

4C-S093

SHEET 1 OF

SOIL BORING LOG

025010

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8971351 E 2456475

ELEVATION 423.38 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chestain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS None Observed

START 2/17/95

FINISH 2/17/95

LOGGER M. Burkhar

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0	0	1-DP	1.33		Organic Clay (OL) dark brown with root zones, moist, friable, battery chips.	No visible waste at surface FID=Not operational Sample=UX01 Sample=UL01 (TAL)
	3.0					
	5.0	2-DP	NR			Landfill debris probable from 3'-6' bgs
6.0	6.0					
	8.0	3-DP	0.33		Landfill debris - battery chips, wood, styrofoam, other materials.	
9.0	9.0					
					Total Depth=9' Location: Site 4; south side of Area 4C	Boring terminated at 9' bgs due to landfill debris plugging the core barrel Backfilled with bentonite plug and hydrated
10.0						
15.0						
20.0						
25.0						

025010



PROJECT NUMBER TXE65678.FLFS	BORING NUMBER 4C-S093	SHEET 1 OF
SOIL BORING LOG		

025011

PROJECT RSR Q03 Subsurface Soils Investigation LOCATION N6971351.34 E2458474.62
ELEVATION 423.38 ft. MSL DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)
DRILLING METHOD AND EQUIPMENT Mobile B01 Truck-Mounted 8 1/4" OD HSA
WATER LEVELS 405 ft. MSL 3/1/95 START 03/01/95 FINISH 03/01/95 LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	1.5		ORGANIC CLAY (OL), dark brown to black, moist, friable, landfill debris (battery chips, wood, plastic).	FID = not operational
	2				As above.	
	4	2-ST	1.6			
	6	3-ST	0.2		Landfill debris (wood chips, battery chips, paper, etc.).	
	8	4-ST	1.0		ORGANIC CLAY (OH), black, moist, plastic, with approximately 50% landfill debris (wood, some battery chips).	
10.0	10	5-ST	NR			
	12	6-ST	0.1		Landfill debris (wood chips, paper).	
	14	7-ST	NR			
	16	8-ST	0.3		SANDY CLAY WITH SILT (CH), light gray, moist, moderately plastic.	
	18	9-ST	NR			
20.0	20	10-ST	0.6		CLAYEY SILT (MH), light gray, wet, plastic, with landfill debris (glass, plastic wrap).	
	22	11-SS	0.8		SHALE, dark gray, dry, hard, friable.	
	24	12-SS	1.0		SHALE, as above, very hard.	
					Total Depth = 24'	Boring terminated 24' bgs
					Location: Site 4; southwest side of Area 4C	Backfilled with bentonite plug and hydrated

025011



PROJECT NUMBER 111432.F1.FS	BORING NUMBER 4C-S105	SHEET 1 OF 1
SOIL BORING LOG		

025012

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION LOCATION N 897217L42 E 2458488.58
ELEVATION 425.29 ft MSL DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)
DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)
WATER LEVELS 407 MSL 2/20/95 START 2/20/95 FINISH 2/20/95 LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RA; DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0	0	1-DP	2.75		Silty Clay (CL), dark brown to black, dry, hard, friable, with landfill debris (bricks, concrete, and plastic).	FID=15 ppm Sample=UX01 Sample=UL01 (TAL)
	3.0					
	6.0	2-DP	0.83		Landfill debris (concrete, wood, paper).	FID=0.0 ppm
	9.0	3-DP	1.00		Landfill debris (predominantly wood).	FID=0.0 ppm
10.0	12.0	4-DP	2.58		Sandy Clay (CL), dark brown and tan mottled, dry, hard, friable.	FID=10 ppm No landfill debris observed
	15.0	5-DP	NR			
	18.0	6-DP	NR			
	21.0	7-DP	2.75		Gravelly Sand (SW), tan, very wet, friable.	FID=100 ppm Water at 18"
25.0	24.0	8-DP	2.83		0-32", as above. 32"-36", Shale, dry, hard, friable.	FID=0.0 ppm Sample=UX01 Sample=UL02 (TAL)
					Total Depth=24'	Backfilled with bentonite plug and hydrated
					Location: Site 4; northeast side of Area 4C	

025012

PROJECT NUMBER
111432.FLFSBORING NUMBER
4C-S110

SHEET 1 OF 1

SOIL BORING LOG

025013

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8971805 E 2456877

ELEVATION 423.85 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain - Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WNC-514)

WATER LEVELS 408 ft. MSL 2/18/95

START 2/18/95

FINISH 2/18/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -6" -6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
0.0	0	1-DP	2.00		0-18", Organic Clay (OL) dark brown to black, dry, friable, root zones. 18"-24", Clayey Sand (SP), light brown, dry, moderately plastic, root zones.	FID=Not operational Sample=UX01 Sample=UL01 (TAL)
	3.0					
	6.0	2-DP	1.87		Sandy Clay (CL), dark gray and tan mottled, dry, moderately plastic.	
10.0	9.0	3-DP	3.00		0-4", as above. 4"-36", Clay (CL) (fill material), dark gray, dry, friable.	
	12.0	3-DP	2.84		As above, lighter gray in color with depth.	
	15.0	5-DP	2.34		Clayey Sand (SP), olive, moist, friable.	
20.0	18.0	6-DP	3.00		Silty Sand (SP), olive, very moist, slightly wet, moderately plastic.	Sample=UX02 Sample=UL02 (field organics)
	21.0	7-DP	1.50		0-18", As above, wet. 18"-36", Sand with gravel (SW), tan, moist, friable.	Water at 18' bgs
	22.5	8-DP	1.50		0-13", Gravel (GP), well rounded, saturated. 13"-16", Shale, dark gray, dry, hard.	
25.0					Total Depth=22.5' Location: Site 4; south side of Area 4C	Water Sample=GD01 (field organics) Backfilled with bentonite plug and hydrated

025013

PROJECT NUMBER
111432.F1.F5BORING NUMBER
4C-S110

SHEET 1 OF

SOIL BORING LOG

025014

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N6971802.07 E2456870.36

ELEVATION 424.94 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS Not observed - no continuous sample

START 03/01/95

FINISH 03/01/95

LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-22.5', see previous boring log dated 2/16/95 (Strataprobe)	
10.0						
15.0						
20.0						
22						
24		1-ST	1.8		SHALE (CL), dark gray, dry, hard, friable.	FID = 0ppm
25.0					Total Depth=24' Location: Site 4; South side of Area 4c	Boring terminated 21' bgs

025014

PROJECT NUMBER

111432.FT.FS

BORING NUMBER

4C-S110

SHEET 1 OF

WELL COMPLETION LOG

PROJECT RSR OU3 Groundwater Investigation

LOCATION N6971802.07 E2456870.38

ELEVATION 424.94 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

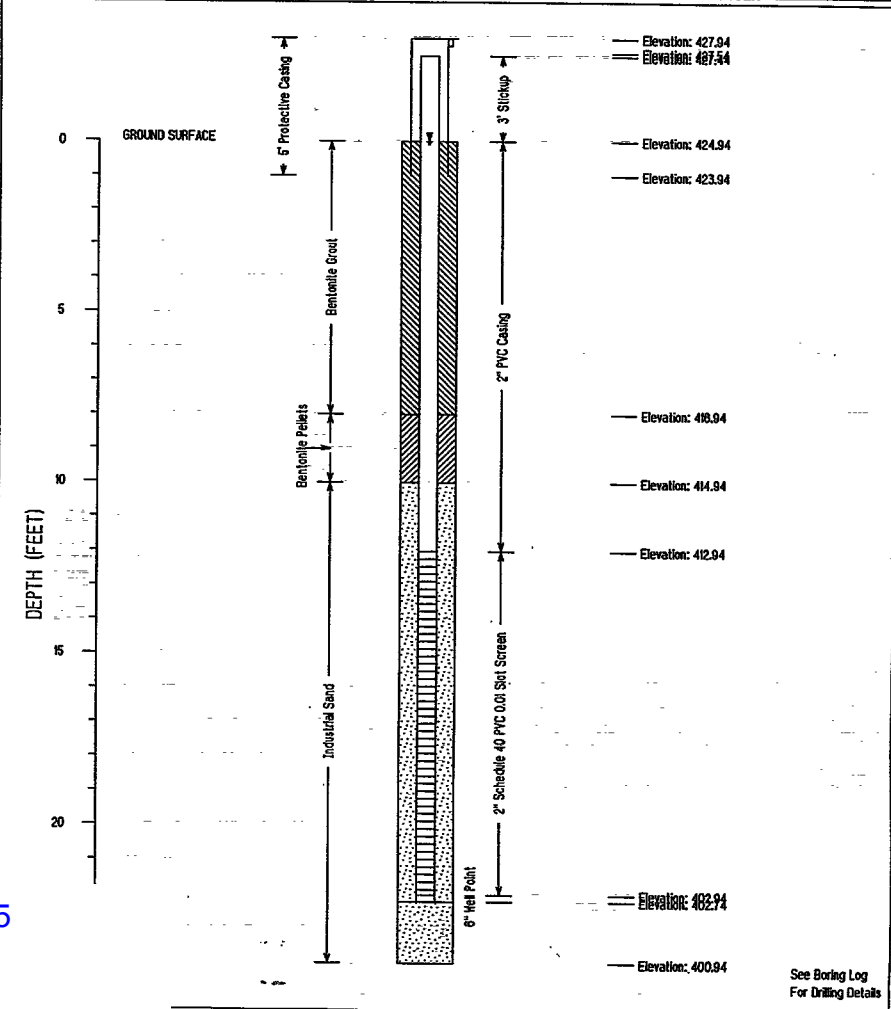
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS Not observed - no sampling

START 03/01/95

FINISH 03/01/95

LOGGER M. Burkhar



025015

See Boring Log
For Drilling Details

SHEET 1 OF

SOIL BORING LOG

025016

PROJECT RSR OU3 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8971173 E 2458488

ELEVATION 418.92 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WWC-514)

WATER LEVELS 410 ft. MSL 2/17/95

START 2/17/95

FINISH 2/17/95

LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	0					
	3.0	1-DP	2.41		Sandy Clay (CL), dark brown and rust mottled, moist, friable to moderately plastic.	FID=Not operational Sample=UX01 (0-12") Sample=UX02 (12"-24") Sample=UL01 (Geotechnical Parameters)
6.0	6.0	2-DP	2.66		0-5", Sand (SP), rust, dry, friable. 5"-32", Silty Clay (CL), dark gray, homogeneous, friable to moderately plastic.	
	9.0	3-DP	2.41		Sand with Gravel (SW), rust, moist, friable.	
10.0	11.0	4-DP	2.00		0-17", As above, wet. 17"-24", Shale, dark gray, hard, homogeneous.	Water at 8' bgs Sample=UX03
15.0					Total Depth=11' bgs Location: Site 4; southwest side of Area 4C	Backfilled with bentonite plug and hydrated
20.0						
25.0						

025016

CRM HILL

PROJECT NUMBER

111432.F1.F5

BORING NUMBER

4C-S113

SHEET 1 OF

SOIL BORING LOG

025017

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N8971173.44 E2458487.97

ELEVATION 418.22 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B61 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 408 MSL 3/01/95

START 03/01/95

FINISH 03/01/95

LOGGERS M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-8', see previous boring log dated 2/17/95 (geoprobe)	
					0-8', SILTY CLAY (CL), dark brown to black. (from cuttings).	
10.0	8					
	10	1-ST	1.8		0-10", SAND (SP), tan, dry, very friable. 10"-20", Similar to above, moist.	Sample = UL01 (TAL, TCL) (8'-9')
	12	2-ST	2.0		GRAVELLY SAND (SW), tan, wet, approximately 40% gravel.	No FID=wet
	14	3-ST	1.2		SHALE, dark gray, very hard, friable.	No FID
15.0					Total Depth=14'	Boring terminated at 14' bgs
					Location: Site 4; southwest side of Area 4C	
20.0						
25.0						

025017



PROJECT NUMBER

111432.FJFS

BORING NUMBER

4C-S113

SHEET 1 OF

WELL COMPLETION LOG

025018

PROJECT RSR 003 Groundwater Investigation

LOCATION N8971173.44 E2458487.97

ELEVATION 418.22 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

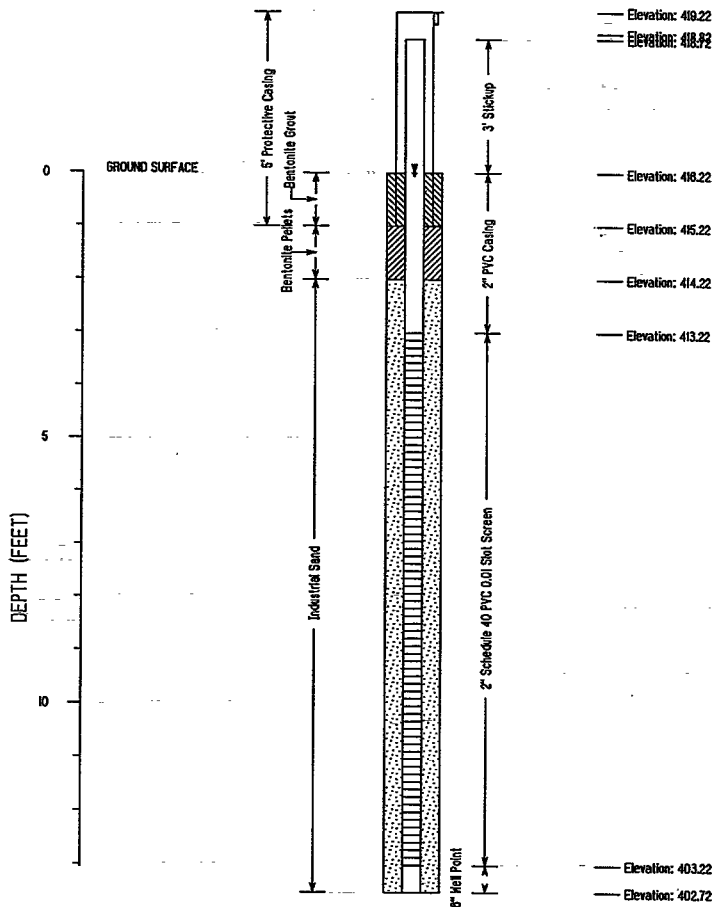
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 408 ft. MSL 3/01/95

START 03/01/95

FINISH 03/01/95

LOGGER M. Burkhard



025018

See Boring Log
For Drilling Details



PROJECT NUMBER

TXE65678.FLFS

BORING NUMBER

4C-S117

SHEET 1 OF

SOIL BORING LOG

025019

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6972145 E2455468

ELEVATION 422.24 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B91 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 405 ft. MSL 3/21/95

START 03/21/95

FINISH 03/21/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-ST	1.58		CLAY (CL), dark brown, dry, very hard, friable, with gravel (~5%), landfill debris (glass, wood).	FID = 0.0 ppm Sample = UX01
	2					
	4	2-ST	1.5		Similar to above, with more landfill debris (glass, wood, and paper).	FID = 0.0 ppm
	6	3-ST	1.8		0-10", as above. 10"-22", SILTY CLAY (CL), black, dry, friable, strong hydrocarbon odor, with landfill debris (paper and glass).	FID = 100 ppm FID = 900 ppm
	8	4-ST	NR		Landfill debris (wood) (from cuttings).	
10.0	10	5-ST	1.4		Black material with red nodules, very hard, landfill debris, slight odor, possibly wood treated with creosote.	FID = 2000 ppm
	12	6-ST	NR			
	14	7-ST	1.0		Black, charcoal-like material, landfill debris, similar to previous.	FID = 2500 ppm
	16	8-ST	1.1		0-7", As above. 7-14", SILTY SAND (ML-SM), light gray, moist, consolidated, grading to sand with depth.	FID = 80 ppm Sample = UX02 (15"-18") Sample = UL01 (TAL, TCL) (15"-18")
15.0	17	9-SS	0.1		GRAVELLY SAND (SM), light gray, wet, unconsolidated.	No FID - wet
	18.5	10-SS	0.6		Similar to above, with increasing gravel content.	No FID - wet Water at 17" bgs
	20	11-SS	0.7		Similar to above (approximately 40% gravel).	No FID - wet
	21	12-SS	0.2		As above.	No FID - wet
	22	13-SS	1.08		SHALE, dark gray, dry, very hard.	FID = 0.0 ppm
25.0					Total Depth = 22' Location: Site 4; northwest side of Area 4C	Boring terminated 22' bgs

025019

PROJECT NUMBER

TXE85878.F1F5

BORING NUMBER

4C-S117

SHEET 1 OF

WELL COMPLETION LOG

025020

PROJECT RSR OU3 Groundwater Investigation

LOCATION N9972145 E2455468

ELEVATION 422.24 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

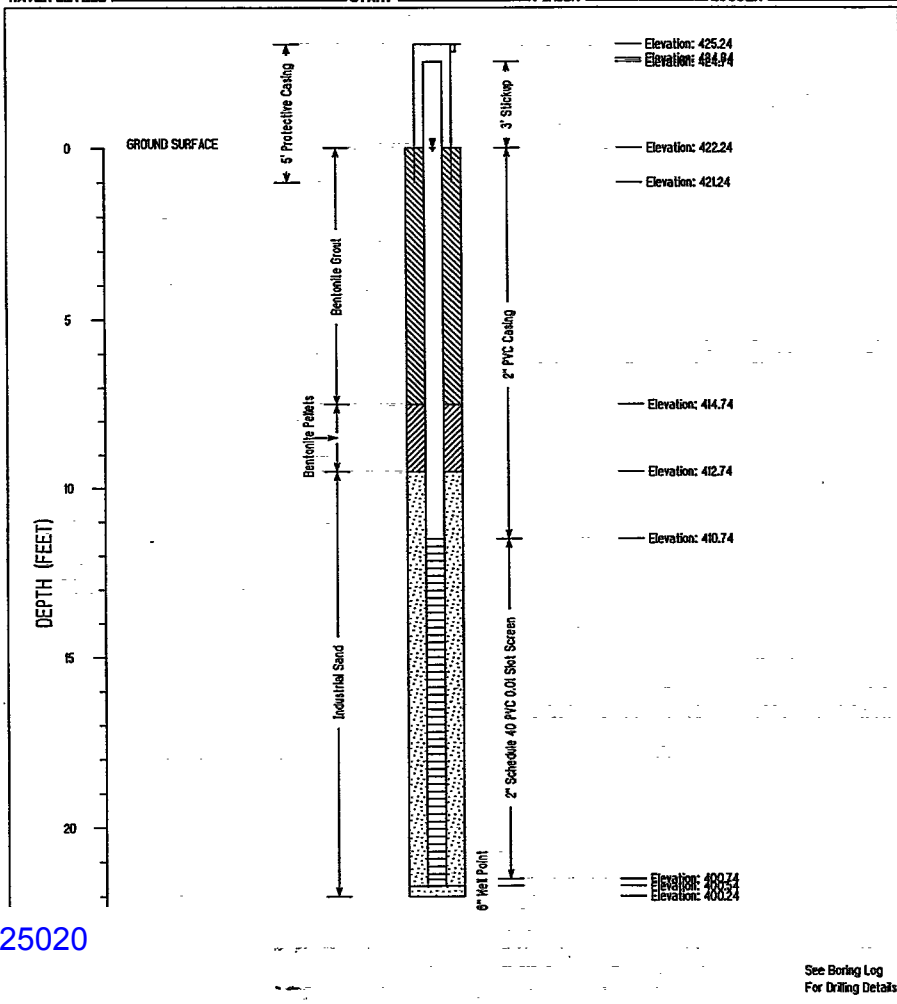
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 405 ft. MSL 3/21/95

START 03/21/95

FINISH 03/21/95

LOGGER M. Burkhar



025020

PROJECT NUMBER
111432.FLFSBORING NUMBER
4D-S009

SHEET 1 OF

SOIL BORING LOG

025021

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 6971308 E 2457692

ELEVATION 415.74 ft MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-S14)

WATER LEVELS 401 ft. MSL 2/22/95

START 2/22/95

FINISH 2/22/95

LOGGER M. Burkhard.

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -8" -6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
0						
		1-DP	1.75		0-15" Sand (SP) with Organics, olive, moist, friable, roots prevalent throughout. 15"-21" Clay (CL), dark brown, dry, friable.	FID=0.0 ppm Sample=UX01 Landfill debris (metal fragments) in end of core barrel
3.0						
		2-DP	0.75		0-9", As above, with landfill debris (glass, paper).	FID=4 ppm
6.0						
		3-DP	1.88		0-12" Silty Clay (CH), light gray with iron staining, soft, plastic. 12"-20", landfill debris (glass, plastic, paper).	FID=3 ppm
9.0						
		4-DP	2.16		0-7" Sand (SP), tan, moist, friable. 7"-26" Sandy Clay (CH), light gray and dark brown mottled, weathered.	FID=0.0 ppm
12.0						
		5-DP	1.88		Silty Sand (SP), yellow and gray, moist, friable.	FID=0.0 ppm Sample=UX02
15.0						
		6-DP	1.50		0-14" Sand with Gravel and Cobbles (SW), coarse, very wet. 14"-18" Shale, dark gray and tan mottled.	FID=0.0 ppm Water at 15' bgs
18.0						
					Total Depth=18' Location: Site 4; southwest side of Area 4D	Backfilled with bentonite plug and hydrated
20.0						
25.0						

025021

PROJECT NUMBER
TXE65678.FLFSBORING NUMBER
4D-S009

SHEET 1 OF

SOIL BORING LOG

025022

PROJECT RSR 003 Subsurface Soils Investigation

LOCATION N6971306 E2457693

ELEVATION 418.19 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 400 ft. MSL 3/30/95

START 03/30/95

FINISH 03/30/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0					0-10". See previous boring log dated 2/22/95 (geoprobe)	
10.0	10					
		1-SS	1.8		SANDY CLAY (CH), light gray and dark brown mottled, dry, weathered.	FID = 0.0 ppm
	12					
		2-SS	1.58		SILTY SAND (SP), yellow and gray, moist, pebble.	FID = 0.0 ppm Sample = UL01 (TAL, TCL) (13"-14")
	14					
15.0		N/A	N/A			Drilled through 14"-16" bgs
	16					
		3-SS	1.4		0-14", SAND WITH GRAVEL (SN), coarse, very wet, cobbles. 14-16", SHALE, dark blue-gray, very hard.	FID = 0.0 ppm No FID Sample = UL02 (geotechnical parameters) (17"-20")
	18					
		4-ST	1.3		Core collected for geotechnical analysis.	
20.0	20					
					Total Depth = 20' Location: Site 4; southwest side of Area 4D	Boring terminated 20" bgs
25.0						

025022



PROJECT NUMBER

TXE65678.F1ES

BORING NUMBER

40-S009

SHEET 1 OF

WELL COMPLETION LOG

025023

PROJECT RSR QJ3 Groundwater Investigation

LOCATION N6971308 E2457893

ELEVATION 418.19 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (M. Chism - Driller)

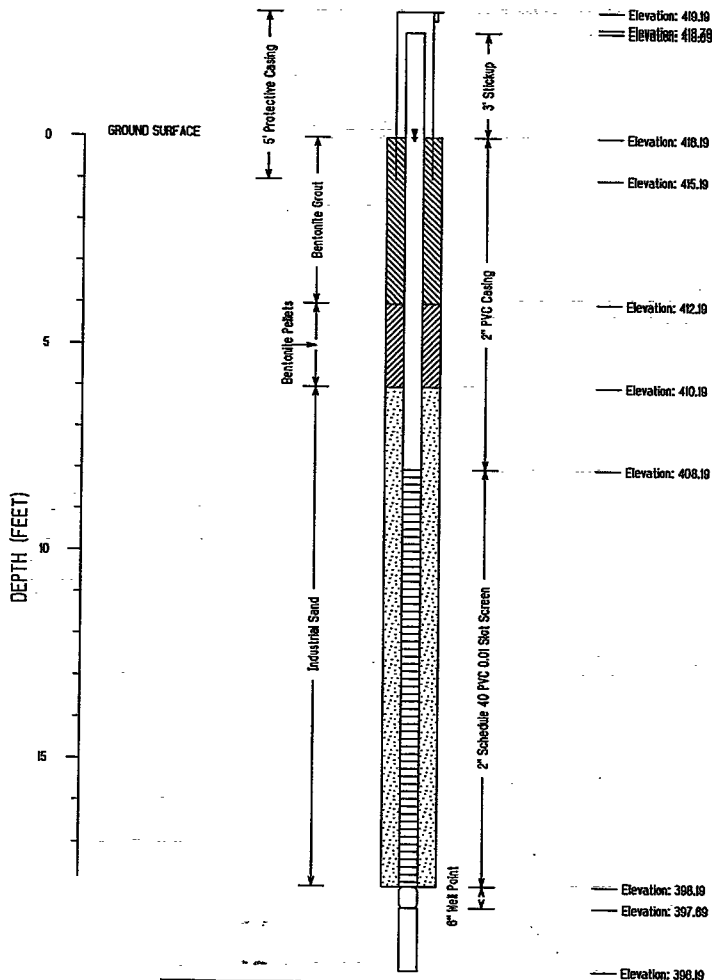
DRILLING METHOD AND EQUIPMENT Mobile B91 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS 400 ft. MSL 3/30/95

START 03/30/95

FINISH 03/30/95

LOGGER M. Burkhar



025023

See Boring Log
For Drilling Details



PROJECT NUMBER H1432.FLFS	BORING NUMBER 4D-S080
SHEET 1 OF	
SOIL BORING LOG	

025024

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION LOCATION N 69°128.78 E 2458049.77
ELEVATION 414.45 ft MSL DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)
DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WNC-514)
WATER LEVELS 4H MSL 2/22/95 START 2/22/95 FINISH 2/22/95 LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY			
	0					
		1-OP	1.91		Gravelly Sand (SW) (approximately 20% gravel), tan, moist, unconsolidated.	FID=0.0 ppm Sample=UOX1 Sample=UOX1 (TAL, TCL)
	3.0					
		2-OP	2.33		Sand (SW), similar to above, slightly more coarse, tan to orange shading, wet.	FID=0.0 ppm Water at 3' bgs
6.0	6.0					
	7.0	3-OP	1.00		As above.	No FID-wet Slough prevented deeper boring
					Total Depth=7'	Backfilled with bentonite plug and hydrated
					Location: Site 4; southern side of drainage on south side of Area 4D	
10.0						
15.0						
20.0						
25.0						

025024

PROJECT NUMBER
111432.F1FSBORING NUMBER
4D-S081

SHEET 1 OF 1

SOIL BORING LOG

025025

PROJECT RSR 003 SUBSURFACE SOILS INVESTIGATION

LOCATION N 8971899 E 2457818

ELEVATION 418.0 ft. MSL

DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)

DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOTD WMC-514)

WATER LEVELS 413 ft. MSL

START 2/22/95

FINISH 2/22/95

LOGGER M. Burkhard

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	
	INTERVAL	NUMBER AND TYPE	RECOVERY			COMMENTS
	0	1-DP	2.66		Clayey Sand (SC), dark brown with roots, moist, friable, homogeneous color and texture.	FID=0.0 ppm Sample=UX01 Water in hole, but core not saturated
3.0						
6.0		2-DP	2.33		Silty Clay (CH), dark gray, slightly moist, plastic.	FID=0.0 ppm Water at 3' bgs
9.0		3-DP	3.00		Silty Sand (SP), olive to dark brown, moist, plastic, with increasing sand content with depth.	FID=0.0 ppm
12.0		4-DP	3.00		0-28", similar to above, more sand, very wet. 28"-38", Sandy Clay (CL), dark brown, slightly moist, hard, friable.	FID=0.0 ppm Sample=UX02 Sample=UL01 (TAL, TCL)
15.0		5-DP	NR			No FID-wet Slough from above in core barrel
18.0		6-DP	0.25		As above.	No FID-wet
20.0		7-DP	0.25		Shale, dark gray, dry, very hard, friable.	FID=0.0 ppm
25.0					Total Depth=20' Location: Site 4; north of recreation center on Area 4D	Backfilled with bentonite plug and hydrated

025025



PROJECT NUMBER M432.FTFS	BORING NUMBER 4D-S082	SHEET 1 OF 1
SOIL BORING LOG		

025026

PROJECT RSR 0U3 SUBSURFACE SOILS INVESTIGATION LOCATION N 6971733 E 245682
ELEVATION 418.0 ft. MSL DRILLING CONTRACTOR TEG, INC. (D. Chastain-Driller)
DRILLING METHOD AND EQUIPMENT STRATAPROBE (LADOT WMC-514)
WATER LEVELS 404 ft. MSL START 2/23/95 FINISH 2/23/95 LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" -8" -6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RAT DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY			
5.0	0	1-OP	2.50		Silty Clay (CH), dark brown to black, homogeneous, dry, moderately pliable, root zones prevalent.	FID=0.0 ppm Sample=UX01
	3.0				As above.	FID=0.0 ppm
	6.0	2-OP	3.00			
10.0	9.0	3-OP	3.00		Silty Clay (CH), light brown, dry, more plastic than above, increasing silt content with depth. 23-36" Sandy Clay with Silt (CH), tan to olive, dry, with interbedded sand seams.	FID=0.0 ppm
	12.0	4-OP	2.75		0-9", As above. 9"-33", Silty Sand (SP), olive and green, moist, highly plastic.	FID=0.0 ppm Sample=UX02 Sample=UL01 (TAL, TCL)
	15.0	5-OP	1.41		Gravelly Sand (SH), brown to tan, wet unconsolidated.	FID=0.0 ppm Water at 12" bgs
20.0	18.0	6-OP	1.75		0-18", As above. 18"-21", Shale, dark gray to black, dry.	No FID-wet
					Total Depth=17" Location: Site 4; west of school on Area 4D	Backfilled with bentonite plug and hydrated
25.0						

025026

CHM HILL

PROJECT NUMBER
M432.FIFSBORING NUMBER
4D-S083

SHEET 1 OF

SOIL BORING LOG

025027

PROJECT RSR OU3 Subsurface Soils Investigation

LOCATION N8972071.05 E2458450.74

ELEVATION 418.74 ft. NSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS Not observed - no continuous sampling

START 03/03/95

FINISH 03/03/95

LOGGER M. Burkhardt

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6" - 6" - 6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS TESTS AND INSTRUMENTATION
5.0					0-15" See previous boring log dated 2/23/95 (Strataprobe)	
15.0	15					
	17	1-SS	2.0		SHALE (CL), dark gray, very hard.	
20.0					Total Depth=17"	Boring terminated 17" bgs
25.0					Location: Site 4; North of school on Area 4D	

025027



PROJECT NUMBER

111432.FTFS

BORING NUMBER

4D-S083

SHEET 1 OF

WELL COMPLETION LOG

025028

PROJECT RSR 003 Groundwater Investigation

LOCATION N697207L05 E2458450.74

ELEVATION 418.74 ft. MSL

DRILLING CONTRACTOR Terra-Mar, Inc. (C. Rigby - Driller)

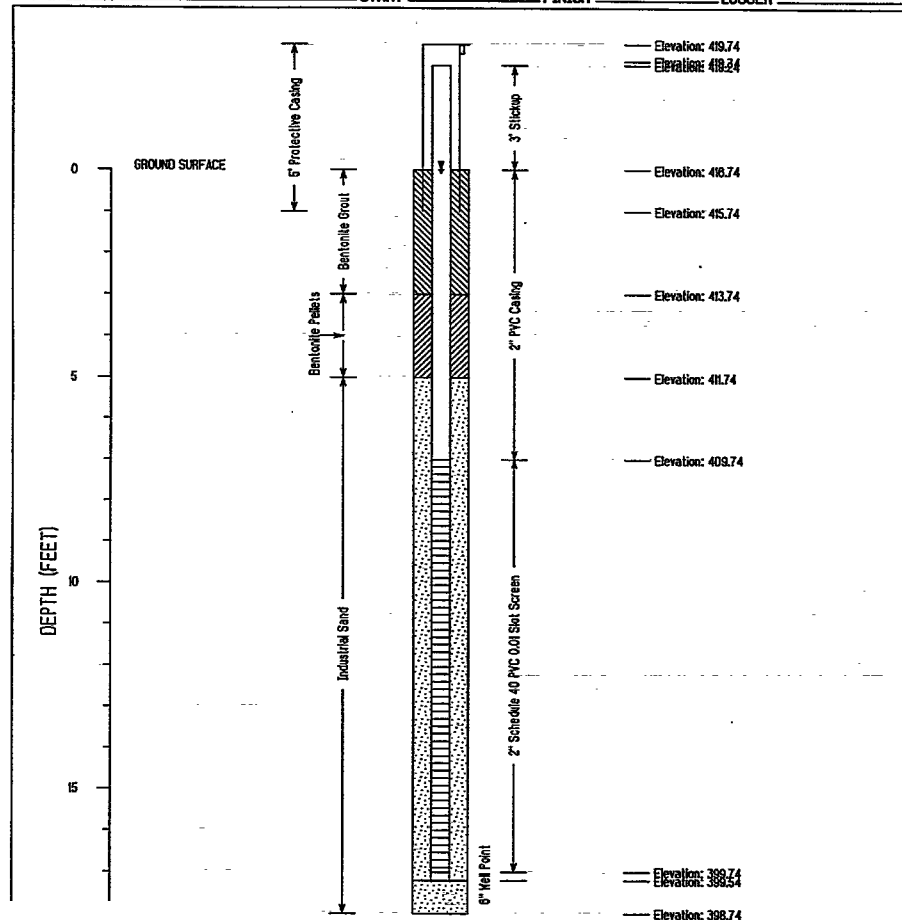
DRILLING METHOD AND EQUIPMENT Mobile B81 Truck-Mounted 8 1/4" OD HSA

WATER LEVELS Not observed - no sampling

START 03/03/95

FINISH 03/03/95

LOGGER M. Burkhardt



025028

See Boring Log
For Drilling Details

025029

Appendix B-1
Remedial Investigation Data Quality Information
Analyses and Parameters

025029

Remedial Investigation Analyses and Parameters

Analysis	Parameter
TAL Total Inorganics	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Cadmium
	Calcium
	Chromium
	Cobalt
	Copper
	Iron
	Lead
	Magnesium
	Manganese
	Mercury
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Thallium
	Vanadium
	Zinc
TAL Dissolved Inorganics	Aluminum
	Antimony
	Arsenic
	Barium
	Beryllium
	Cadmium
	Calcium
	Chromium
	Cobalt
	Copper
	Iron
	Lead
	Magnesium
	Manganese
	Mercury
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Thallium
	Vanadium
	Zinc
TCL Volatiles	Acetone
	Benzene
	Bromodichloromethane
	Bromoform
	Bromomethane
	2-Butanone
	Carbon Disulfide
	Carbon Tetrachloride
	Chlorobenzene

025030

025030

Remedial Investigation Analyses and Parameters

Analysis	Parameter
TCL Volatiles	Chloroethane
	Chloroform
	Chloromethane
	Dibromochloromethane
	1,1-Dichloroethane
	1,2-Dichloroethane
	1,2-Dichloroethene (total)
	1,1-Dichloroethene
	1,2-Dichloropropane
	cis-1,3-Dichloropropene
	trans-1,3-Dichloropropene
	Ethylbenzene
	2-Hexanone
	4-Methyl-2-Pentanone
	Methylene Chloride
	Styrene
	1,1,2,2-Tetrachloroethane
	Tetrachloroethene
	Toluene
	1,1,1-Trichloroethane
	1,1,2-Trichloroethane
	Trichloroethene
	Vinyl Chloride
	Xylene (total)
TCL Semi-Volatiles	Acenaphthene
	Acenaphthylene
	Anthracene
	Benzo (a) anthracene
	Benzo (a) pyrene
	Benzo (b) fluoranthene
	Benzo (g, h, i) perylene
	Benzo (k) fluoranthene
	bis (2-Chloroethoxy) Methane
	bis (2-Chloroethyl) Ether
	bis (2-Ethylhexyl) phthalate
	4-Bromophenyl-phenylether
	Butylbenzylphthalate
	Carbazole
	4-Chloro-3-Methylphenol
	4-Chloroaniline
	2-Chloronaphthalene
	2-Chlorophenol
	4-Chlorophenyl-phenylether
	Chrysene
	Di-n-butylphthalate
	Di-n-octylphthalate
	Dibenz (a, h) anthracene
	Dibenzofuran
	1,2-Dichlorobenzene
	1,3-Dichlorobenzene
	1,4-Dichlorobenzene
	3,3'-Dichlorobenzidine
	2,4-Dichlorophenol
	Diethylphthalate
	2,4-Dimethylphenol
	Dimethylphthalate

025031

025031

Remedial Investigation Analyses and Parameters

Analysis	Parameter
TCL Semi-Volatiles	4,6-Dinitro-2-Methylphenol
	2,4-Dinitrophenol
	2,4-Dinitrotoluene
	2,6-Dinitrotoluene
	Fluoranthene
	Fluorene
	Hexachlorobenzene
	Hexachlorobutadiene
	Hexachlorocyclopentadiene
	Hexachloroethane
	Indeno (1,2,3-cd) pyrene
	Isophorone
	2-Methylnaphthalene
	2-Methylphenol
	4-Methylphenol
	Naphthalene
	2-Nitroaniline
	3-Nitroaniline
	4-Nitroaniline
	Nitrobenzene
	2-Nitrophenol
	4-Nitrophenol
	N-Nitroso-di-n-propylamine
	N-Nitrosodiphenylamine (1)
	2,2'-Oxybis (1-Chloropropan
	Pentachlorophenol
	Phenanthrene
	Phenol
	Pyrene
	1,2,4-Trichlorobenzene
	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
TCL Pesticides	Aldrin
	Aroclor-1016
	Aroclor-1221
	Aroclor-1232
	Aroclor-1242
	Aroclor-1248
	Aroclor-1254
	Aroclor-1260
	gamma-BHC (Lindane)
	alpha-BHC
	beta-BHC
	delta-BHC
	alpha-Chlordane
	gamma-Chlordane
	4,4'-DDD
	4,4'-DDE
	4,4'-DDT
	Dieldrin
	Endosulfan I
	Endosulfan II
	Endosulfan sulfate
	Endrin
	Endrin aldehyde
	Endrin ketone

025032

025032

Remedial Investigation Analyses and Parameters

Analysis	Parameter
TCL Pesticides	Heptachlor Heptachlor epoxide Methoxychlor Toxaphene
TCLP Inorganics	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver
TCLP Volatiles	Benzene 2-Butanone Carbon Tetrachloride Chlorobenzene Chloroform 1,2-Dichloroethane 1,1-Dichloroethene Tetrachloroethene Trichloroethene Vinyl Chloride
TCLP Semi-Volatiles	1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane 2-Methylphenol 3-Methylphenol 4-Methylphenol Nitrobenzene Pentachlorophenol Pyridine 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol
TCLP Pesticides	gamma-BHC (Lindane) Chlordane 2,4-Dichlorophenoxyacetic acid Endrin Heptachlor Heptachlor epoxide Methoxychlor 2,4,5-TP (Silvex) Toxaphene
XRF	Antimony Arsenic Barium Cadmium Calcium Chromium High Chromium Low Cobalt

025033

025033

Remedial Investigation Analyses and Parameters

Analysis	Parameter
XRF	Copper
	Iron
	Lead
	Manganese
	Mercury
	Molybdenum
	Nickel
	Potassium
	Rubidium
	Selenium
	Silver
	Strontium
	Thorium
	Tin
	Titanium
	Uranium
	Zinc
	Zirconium
Geochemical	Cation Exchange Capacity
	pH
	Sulfate
Geotechnical	Bulk Density
	Clay
	Gravel
	Moisture Content
	Sand
Wet Chemistry	Silt
	Total Alkalinity
	Total Organic Carbon
	Chloride
	Fluoride
	Nitrate
	Oil and Grease
	Total Phosphorus
	Total Dissolved Solids
	Total Suspended Solids
Field Volatiles	Sulfate
	Benzene
	Chlorobenzene
	1,2-Dichloroethene (total)
	1,1-Dichloroethene
	Ethylbenzene
	Tetrachloroethene
	Toluene
	1,1,1-Trichloroethane
	Trichloroethene
Field Miscellaneous	Vinyl Chloride
	Xylene (total)
	Methane
	Total Petroleum Hydrocarbons
	Total Recoverable Petroleum Hydrocarbons

025034

025034

025035

Appendix B-2
Remedial Investigation Data Quality Information
Definitions of Data Qualifiers

025035

Definitions of Data Qualifiers

025036

Target Analyte List Inorganic Data¹

- F = A possibility of a false negative exists
- J = Estimated value
- L = Reported concentration is between the instrument detection limit and the Contract-Required Detection Limit
- N = Questionable identification
- R = Unusable
- U = Undetected
- UC = Undetected at the listed detection limit which was raised due to apparent blank contamination
- UJ = Estimated detection limit due to the outlying quality control parameters such as matrix spike, serial dilution, FAA spike recovery, etc.
- ^ = Positive bias
- v = Negative bias

Target Compound List Organic Data¹

- B = This result may be high biased due to laboratory/field contamination (The reported concentration is above 5 times or 10 times the concentration reported in the method/field blank)
- F+ = A false positive exists
- F- = A false negative exists
- J = Estimated value
- N = Identification is tentative
- R = Unusable

025036

Definitions of Data Qualifiers, continued

025037

- T = Identification is questionable due to absence of other commonly coexisting pesticides
- U = Not detected at reported quantitation limit
- UJ = Estimated quantitation limit
- ^ = High biased (Actual concentration may be lower than the concentration reported)
- v = Low biased (Actual concentration may be higher than the concentration reported)
- * = Result not recommended for use due to associated QA/QC performance inferior to that from other analysis

Toxicity Characteristic Leaching Procedure Inorganic Data²

- B = The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
- E = The reported value is estimated because of the presence of interference
- M = Duplicate injection precision not met
- N = Spiked sample recovery not within control limits
- S = The reported value was determined by the Method of Standard Additions (MSA)
- W = Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance
- U = The analyte was analyzed for but not detected
- * = Duplicate analysis not within control limits
- + = Correlation coefficient for the MSA is less than 0.995

025037

Definitions of Data Qualifiers, continued

025038

Toxicity Characteristic Leaching Procedure Organic Data³

- A = A Tentatively Identified Compound (TIC) is a suspected aldol-condensation product
- B = The analyte is found in the associated blank as well as in the sample
- C = The identification of a pesticide has been confirmed by GC/MS
- D = Sample was diluted
- E = Compound concentration exceeds the calibration range of the GC/MS instrument
- J = Indicates an estimated value
- N = Indicates presumptive evidence of a compound
- P = There is greater than 25% difference for detected concentrations between the two GC columns - the lower of the two values is reported (pesticide/Aroclor target analytes only)
- U = Compound was analyzed for but not detected
- X = Laboratory-defined flag

Additional Data Qualifiers

- _ = The analyte was detected at the level indicated
- < = The analyte was not detected at or above the level indicated

¹ USEPA Contract Laboratory Program ESAT-Region 6 for Data Summary

² USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis (July 1993)

³ USEPA Contract Laboratory Program Statement of Work for Organics Analysis (undated)

025038

025039

Appendix B-3
Remedial Investigation Data Quality Information
Comparison of Duplicate Results

025039

Remedial Investigation Comparison of Results for Duplicate Sample

025040

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	PD** (%)
1A-S045 SL01				
TCLP INORGANICS				
Arsenic	5.0800	3.4600	mg/L	7.9
Barium	4.9600	3.1700	mg/L	44.0
Cadmium	2.6800	2.0400	mg/L	27.1
Chromium	0.0846	0.0310	mg/L	92.7
Lead	396.0000	332.0000	mg/L	17.6
Mercury	0.0002 UCV	0.0002 UCV	mg/L	
Selenium	0.0126 B*	0.0078 B*	mg/L	47.1
Silver	0.0006 UN	0.0006 UN	mg/L	
TCLP VOLATILES				
Benzene	0.0500 U	0.0500 U	mg/L	
2-Butanone	0.1000 U	0.1000 U	mg/L	
Carbon Tetrachloride	0.0500 U	0.0500 U	mg/L	
Chlorobenzene	0.0500 U	0.0500 U	mg/L	
Chloroform	0.0250 U	0.0250 U	mg/L	
1,2-Dichloroethane	0.0250 U	0.0250 U	mg/L	
1,1-Dichloroethene	0.0250 U	0.0250 U	mg/L	
Tetrachloroethene	0.0500 U	0.0500 U	mg/L	
Trichloroethene	0.0250 U	0.0250 U	mg/L	
Vinyl Chloride	0.0500 U	0.0500 U	mg/L	
TCLP SEMI-VOLATILES				
1,4-Dichlorobenzene	0.0500 U	0.0500 U	mg/L	
2,4-Dinitrotoluene	0.0500 U	0.0500 U	mg/L	
Hexachlorobenzene	0.0750 U	0.0750 U	mg/L	
Hexachlorobutadiene	0.0250 U	0.0250 U	mg/L	
Hexachloroethane	0.0500 U	0.0500 U	mg/L	
2-Methylphenol	0.1000 U	0.1000 U	mg/L	
3-Methylphenol	0.1800 U	0.1800 U	mg/L	
4-Methylphenol	0.1800 U	0.1800 U	mg/L	
Nitrobenzene	0.0500 U	0.0500 U	mg/L	
Pentachlorophenol	0.2800 U	0.2800 U	mg/L	
Pyridine	0.1000 U	0.1000 U	mg/L	
2,4,5-Trichlorophenol	0.1200 U	0.1200 U	mg/L	
2,4,6-Trichlorophenol	0.1200 U	0.1200 U	mg/L	
TCLP PESTICIDES				
gamma-BHC (Lindane)	0.2000 U	0.2000 U	mg/L	
Chlordane	0.0150 U	0.0150 U	mg/L	
2,4-Dichlorophenoxyacetic ac	5.0000 U	5.0000 U	mg/L	
Endrin	0.0100 U	0.0100 U	mg/L	
Heptachlor	0.0040 U	0.0040 U	mg/L	
Heptachlor epoxide	0.0040 U	0.0040 U	mg/L	
Methoxychlor	5.0000 U	5.0000 U	mg/L	
2,4,5-TP (Silvex)	0.5000 U	0.5000 U	mg/L	
Toxaphene	0.2500 U	0.2500 U	mg/L	

: B-2 for definitions of the qualifiers.

: Percent difference

025040

Remedial Investigation Comparison of Results for Duplicate Sample

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	PD** (†)
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1A-S045 SL01

WET CHEMISTRY

TOC	11,300.0000	15,600.0000	mg/kg	32.0
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1A-S072 SL01

TAL TOTAL INORGANICS

Aluminum	14,800.0000	J	9,330.0000	J	mg/kg	45.3
Antimony	1,140.0000	J	3,860.0000	J	mg/kg	108.8
Arsenic	985.0000	J	4,640.0000	J	mg/kg	130.0
Barium	1,790.0000	J	1,540.0000	J	mg/kg	15.0
Beryllium	0.9200	J	0.7200	J	mg/kg	24.4
Cadmium	21.0000	J	46.4000	J	mg/kg	75.4
Calcium	82,600.0000	J	70,900.0000	J	mg/kg	15.2
Chromium	54.1000	Jv	60.9000	Jv	mg/kg	11.8
Cobalt	52.4000	J	108.0000	J	mg/kg	69.3
Copper	3,820.0000	J	7,860.0000	J	mg/kg	69.2
Iron	133,000.0000	J	181,000.0000	J	mg/kg	30.6
Lead	26,700.0000	J	49,200.0000	J	mg/kg	59.3
Magnesium	2,790.0000	J	2,140.0000	J	mg/kg	26.4
Manganese	954.0000	J	1,050.0000	J	mg/kg	9.6
Mercury	0.1100	UR	0.1000	UR	mg/kg	
Nickel	317.0000	J	999.0000	J	mg/kg	103.7
Potassium	1,740.0000	J	2,220.0000	J	mg/kg	24.2
Selenium	4.3000	J	10.0000	J	mg/kg	79.7
Silver	0.5300	J	0.8200	J	mg/kg	43.0
Sodium	4,600.0000	Jv	2,220.0000	Jv	mg/kg	69.8
Thallium	0.6900	U	0.8900	Jv	mg/kg	25.3
Vanadium	20.8000	J	24.8000	J	mg/kg	17.5
Zinc	4,300.0000	J	4,770.0000	J	mg/kg	10.4

1C-A001 DL01

TAL TOTAL INORGANICS

Aluminum	11,100.0000	J	14,400.0000	J	mg/kg	25.9
Antimony	1.4000	U	2.6000	J	mg/kg	60.0
Arsenic	19.5000	J	25.6000	J	mg/kg	27.1
Barium	99.1000	J	152.0000	J	mg/kg	42.1
Beryllium	1.1000	J	1.5000	J	mg/kg	30.8
Cadmium	0.5500	U	0.6700	U	mg/kg	
Calcium	121,000.0000	J	102,000.0000	J	mg/kg	17.0
Chromium	19.7000	J	24.4000	J	mg/kg	21.3
Cobalt	9.6000	J	13.7000	J	mg/kg	35.2
Copper	32.3000	UC	51.6000	UC	mg/kg	
Iron	18,100.0000	J	22,400.0000	J	mg/kg	21.2
Lead	343.0000	Jv	627.0000	Jv	mg/kg	58.6
Magnesium	1,880.0000	J	2,320.0000	J	mg/kg	21.0
Manganese	1,240.0000	J	1,800.0000	J	mg/kg	36.8
Mercury	0.1400	U	0.1700	U	mg/kg	
Nickel	37.3000	J	42.2000	J	mg/kg	12.3
Potassium	2,600.0000	J	3,250.0000	J	mg/kg	22.2
Selenium	1.4000	U	1.7000	U	mg/kg	
Silver	0.8200	U	1.0000	U	mg/kg	

* See Attachment B for definitions of the qualifiers.
† difference

025041

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	Diff** (%)
Sodium	405.0000 UGJ	895.0000 UGJ	mg/k	
Thallium	1.9000 U	2.4000 U	mg/k	
Vanadium	40.9000 -	44.9000 -	mg/k	.3
Zinc	175.0000 -	206.0000 -	mg/k	.3

1C-A001 DL01

TCL VOLATILES

Acetone	0.0300 UJ	0.0240 UJ	mg/kg	
Benzene	0.0170 U	0.0180 U	mg/kg	
Bromodichloromethane	0.0170 U	0.0180 U	mg/kg	
Bromoform	0.0170 U	0.0180 U	mg/kg	
Bromomethane	0.0170 U	0.0180 U	mg/kg	
2-Butanone	0.0170 U	0.0180 U	mg/kg	
Carbon Disulfide	0.0170 U	0.0180 U	mg/kg	
Carbon Tetrachloride	0.0170 U	0.0180 U	mg/kg	
Chlorobenzene	0.0170 U	0.0180 U	mg/kg	
Chloroethane	0.0170 U	0.0180 U	mg/kg	
Chloroform	0.0170 U	0.0180 U	mg/kg	
Chloromethane	0.0170 U	0.0180 U	mg/kg	
Dibromochloromethane	0.0170 U	0.0180 U	mg/kg	
1,1-Dichloroethane	0.0170 U	0.0180 U	mg/kg	
1,2-Dichloroethane	0.0170 U	0.0180 U	mg/kg	
1,2-Dichloroethene (total)	0.0170 U	0.0180 U	mg/kg	
1,1-Dichloroethene	0.0170 U	0.0180 U	mg/kg	
1,2-Dichloropropane	0.0170 U	0.0180 U	mg/kg	
cis-1,3-Dichloropropene	0.0170 U	0.0180 U	mg/kg	
trans-1,3-Dichloropropene	0.0170 U	0.0180 U	mg/kg	
Ethylbenzene	0.0170 U	0.0180 U	mg/kg	
2-Hexanone	0.0170 U	0.0180 U	mg/kg	
4-Methyl-2-Pentanone	0.0170 U	0.0180 U	mg/kg	
Methylene Chloride	0.0200 UJ	0.0180 U	mg/kg	
Styrene	0.0170 U	0.0180 U	mg/kg	
1,1,2,2-Tetrachloroethane	0.0170 U	0.0180 U	mg/kg	
Tetrachloroethene	0.0170 U	0.0180 U	mg/kg	
Toluene	0.0170 U	0.0180 U	mg/kg	
1,1,1-Trichloroethane	0.0170 U	0.0180 U	mg/kg	
1,1,2-Trichloroethane	0.0170 U	0.0180 U	mg/kg	
Trichloroethene	0.0170 U	0.0180 U	mg/kg	
Vinyl Chloride	0.0170 U	0.0180 U	mg/kg	
Xylene (total)	0.0170 U	0.0180 U	mg/kg	

TCL SEMI-VOLATILES

Acenaphthene	0.5600 U	0.5700 U	mg/kg	
Acenaphthylene	0.5600 U	0.5700 U	mg/kg	
Anthracene	0.0300 J	0.5700 U	mg/kg	
Benzo (a) anthracene	0.3900 J	0.1300 J	mg/kg	100.0
Benzo (a) pyrene	0.4700 J	0.1700 J	mg/kg	93.8
Benzo (b) fluoranthene	0.7600 J	0.2000 J	mg/kg	116.7
Benzo (g, h, i) perylene	0.5600 J	0.1900 J	mg/kg	98.7
Benzo (k) fluoranthene	0.4400 J	0.1200 J	mg/kg	114.3
bis (2-Chloroethoxy) Methane	0.5600 U	0.5700 U	mg/kg	
bis (2-Chloroethyl) Ether	0.5600 U	0.5700 U	mg/kg	

B-2 for definitions of the qualifiers.
Percent difference

025042

Remedial Investigation Comparison of Results for Duplicate Sample

025043

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	RPD** (%)
bis(2-Ethylhexyl)phthalate	0.3000 J	0.1400 J	mg/g	72.7
4-Bromophenyl-phenylether	0.5600 U	0.5700 U	mg/g	
Butylbenzylphthalate	0.5600 UJv	0.5700 U	mg/kg	
Carbazole	0.0450 J	0.5700 U	mg/kg	
4-Chloro-3-Methylphenol	0.5600 U	0.5700 U	mg/kg	90.9
4-Chloroaniline	0.5600 U	0.5700 U	mg/kg	
2-Chloronaphthalene	0.5600 U	0.5700 U	mg/kg	
2-Chlorophenol	0.5600 U	0.5700 U	mg/kg	
4-Chlorophenyl-phenylether	0.5600 U	0.5700 U	mg/kg	90.9
Chrysene	0.7200 J	0.2700 J	mg/kg	
Di-n-butylphthalate	0.5600 U	0.5700 U	mg/kg	
Di-n-octylphthalate	0.5600 UJv	0.5700 U	mg/kg	
Dibenz(a,h)anthracene	0.5600 UJv	0.5700 U	mg/kg	73.7
Dibenzofuran	0.5600 U	0.5700 U	mg/kg	
1,2-Dichlorobenzene	0.5600 U	0.5700 U	mg/kg	
1,3-Dichlorobenzene	0.5600 U	0.5700 U	mg/kg	
1,4-Dichlorobenzene	0.5600 U	0.5700 U	mg/kg	89.7
3,3'-Dichlorobenzidine	0.5600 UJv	0.5700 U	mg/kg	
2,4-Dichlorophenol	0.5600 U	0.5700 U	mg/kg	
Diethylphthalate	0.5600 U	0.5700 U	mg/kg	
2,4-Dimethylphenol	0.5600 U	0.5700 U	mg/kg	89.7
Dimethylphthalate	0.5600 U	0.5700 U	mg/kg	
4,6-Dinitro-2-Methylphenol	1.4000 U	1.4000 U	mg/kg	
2,4-Dinitrophenol	1.4000 U	1.4000 U	mg/kg	
2,4-Dinitrotoluene	0.5600 U	0.5700 U	mg/kg	70.6
2,6-Dinitrotoluene	0.5600 U	0.5700 U	mg/kg	
Fluoranthene	0.5200 J	0.2400 J	mg/kg	
Fluorene	0.5600 U	0.5700 U	mg/kg	
Hexachlorobenzene	0.5600 U	0.5700 U	mg/kg	104.6
Hexachlorobutadiene	0.5600 U	0.5700 U	mg/kg	
Hexachlorocyclopentadiene	0.5600 U	0.5700 U	mg/kg	
Hexachloroethane	0.5600 U	0.5700 U	mg/kg	
Indeno(1,2,3-cd)pyrene	0.4200 J	0.1600 J	mg/kg	70.6
Isophorone	0.5600 U	0.5700 U	mg/kg	
2-Methylnaphthalene	0.5600 U	0.5700 U	mg/kg	
2-Methylphenol	0.5600 U	0.5700 U	mg/kg	
4-Methylphenol	0.5600 U	0.5700 U	mg/kg	104.6
Naphthalene	0.5600 U	0.5700 U	mg/kg	
2-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
3-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
4-Nitroaniline	1.4000 U	1.4000 U	mg/kg	104.6
Nitrobenzene	0.5600 U	0.5700 U	mg/kg	
2-Nitrophenol	0.5600 U	0.5700 U	mg/kg	
4-Nitrophenol	1.4000 U	1.4000 U	mg/kg	
N-Nitroso-di-n-propylamine	0.5600 U	0.5700 U	mg/kg	104.6
N-Nitrosodiphenylamine (1)	0.5600 U	0.5700 U	mg/kg	
2,2'-Oxybis(1-Chloropropane)	0.5600 U	0.5700 U	mg/kg	
Pentachlorophenol	1.4000 U	1.4000 U	mg/kg	
Phenanthrene	0.2300 J	0.1100 J	mg/kg	104.6
Phenol	0.5600 U	0.5700 U	mg/kg	
Pyrene	1.5000 J	0.4700 J	mg/kg	
1,2,4-Trichlorobenzene	0.5600 U	0.5700 U	mg/kg	
2,4,5-Trichlorophenol	1.4000 U	1.4000 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.
 at difference

025043

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	D**
2,4,6-Trichlorophenol	0.5600 U	0.5700 U	mg/kg	
1C-A001 DL01	TCL PESTICIDES			
Aldrin	0.0230 U	0.0030 U	mg/kg	
Aroclor-1016	0.4500 U	0.0590 U	mg/kg	
Aroclor-1221	0.9100 U	0.1200 U	mg/kg	
Aroclor-1232	0.4500 U	0.0590 U	mg/kg	
Aroclor-1242	0.4500 U	0.0590 U	mg/kg	
Aroclor-1248	0.4500 U	0.0590 U	mg/kg	
Aroclor-1254	0.4500 U	0.0590 U	mg/kg	
Aroclor-1260	0.4500 U	0.0590 U	mg/kg	
gamma-BHC (Lindane)	0.0230 U	0.0030 U	mg/kg	
alpha-BHC	0.0230 U	0.0030 U	mg/kg	
beta-BHC	0.0230 U	0.0030 U	mg/kg	
delta-BHC	0.0230 U	0.0030 U	mg/kg	
alpha-Chlordane	0.0065 J	0.0027 J	mg/kg	82.6
gamma-Chlordane	0.0092 J	0.0038 J	mg/kg	83.1
4,4'-DDD	0.0450 U	0.0011 J	mg/kg	
4,4'-DDE	0.0450 U	0.0027 J	mg/kg	
4,4'-DDT	0.0450 U	0.0010 J	mg/kg	
Dieldrin	0.0110 J	0.0047 J	mg/kg	80.3
Endosulfan I	0.0230 U	0.0030 U	mg/kg	
Endosulfan II	0.0450 U	0.0059 U	mg/kg	
Endosulfan sulfate	0.0450 U	0.0059 U	mg/kg	
Endrin	0.0450 U	0.0059 U	mg/kg	
Endrin aldehyde	0.0120 U	0.0008 J	mg/kg	
Endrin ketone	0.0450 U	0.0059 U	mg/kg	
Heptachlor	0.0230 U	0.0030 U	mg/kg	
Heptachlor epoxide	0.0230 U	0.0005 J	mg/kg	
Methoxychlor	0.2300 U	0.0300 U	mg/kg	
Toxaphene	2.3000 U	0.3000 U	mg/kg	
	WET CHEMISTRY			
TOC	10,400.0000	12,900.0000	mg/kg	21.5
1C-A001 WL01	TAL TOTAL INORGANICS			
Aluminum	2,300.0000 J	1,000.0000	µg/L	78.8
Antimony	5.0000 U	5.0000 U	µg/L	
Arsenic	7.0000 U	7.0000 U	µg/L	
Barium	64.2000 J	58.3000	µg/L	9.6
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	2.0000 U	2.0000 U	µg/L	
Calcium	70,900.0000	66,100.0000	µg/L	7.0
Chromium	5.0000 U	5.8000	µg/L	14.8
Cobalt	2.0000 U	2.0000 U	µg/L	
Copper	79.0000 J	20.3000 U	µg/L	118.2
Iron	2,930.0000 J	1,590.0000 J	µg/L	59.3
Lead	35.1000 J	53.0000 J	µg/L	40.6
Magnesium	2,400.0000	2,130.0000	µg/L	11.9

: B-2 for definitions of the qualifiers.

: Percent difference

025044

025044

Remedial Investigation Comparison of Results for Duplicate Sample

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	PD** %
Manganese	337.0000	312.0000	µg/l	1.7
Mercury	0.2000 U	0.2000 U	µg/l	
Nickel	10.0000 U	10.0000 U	µg/l	
Potassium	3,920.0000	3,340.0000	µg/L	15.0
Selenium	5.0000 U	5.0000 U	µg/L	
Silver	3.0000 U	3.0000 U	µg/L	
Sodium	9,050.0000 J	9,540.0000 J	µg/L	5.3
Thallium	7.0000 U	7.0000 U	µg/L	
Vanadium	4.5000 Jv	4.7000 U	µg/L	4.4
Zinc	104.0000 J	201.0000 J	µg/L	63.6

025045

1C-A001 WL01

TAL DISSOLVED INORGANICS

Aluminum	60.1000 UC	46.0000 UC	µg/L	
Antimony	5.0000 U	10.0000 UC	µg/L	
Arsenic	7.0000 UJ	15.2000	µg/L	73.9
Barium	40.7000	39.5000 J	µg/L	3.0
Beryllium	1.0000 U	1.4000 UC	µg/L	
Cadmium	2.0000 U	2.0000 U	µg/L	
Calcium	62,000.0000	50,700.0000	µg/L	20.1
Chromium	5.0000 U	5.0000 U	µg/L	
Cobalt	2.0000 U	2.0000 U	µg/L	
Copper	9.2000	8.4000 UC	µg/L	9.1
Iron	60.0000 U	60.0000 U	µg/L	
Lead	3.0000 U	3.0000 U	µg/L	
Magnesium	1,990.0000	1,730.0000	µg/L	14.0
Manganese	220.0000	190.0000	µg/L	14.6
Mercury	0.2700	0.2000 U	µg/L	29.8
Nickel	10.0000 U	10.0000 U	µg/L	
Potassium	4,080.0000	3,950.0000	µg/L	3.2
Selenium	5.0000 U	9.0000	µg/L	57.1
Silver	3.0000 U	3.0000 U	µg/L	
Sodium	9,310.0000	10,100.0000	µg/L	8.1
Thallium	7.0000 U	7.0000 U	µg/L	
Vanadium	2.0000 U	2.0000 U	µg/L	
Zinc	4.9000	4.9000	µg/L	

TCL VOLATILES

Acetone	10.0000 U	10.0000 U	µg/L	
Benzene	10.0000 UJv	10.0000 U	µg/L	
Bromodichloromethane	10.0000 U	10.0000 U	µg/L	
Bromoform	10.0000 U	10.0000 U	µg/L	
Bromomethane	10.0000 U	10.0000 U	µg/L	
2-Butanone	10.0000 U	10.0000 U	µg/L	
Carbon Disulfide	10.0000 U	10.0000 U	µg/L	
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L	
Chlorobenzene	10.0000 U	10.0000 U	µg/L	
Chloroethane	10.0000 U	10.0000 U	µg/L	
Chloroform	10.0000 U	10.0000 U	µg/L	
Chloromethane	10.0000 U	10.0000 U	µg/L	
Dibromochloromethane	10.0000 U	10.0000 U	µg/L	
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L	

definitions of the qualifiers.
difference

025045

Remedial Investigation Comparison of Results for Duplicate Sample

025046

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	RPD** (%)
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L	
1,1-Dichloroethene	10.0000 UJV	10.0000 U	µg/L	
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L	
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L	
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L	
Ethylbenzene	10.0000 U	10.0000 U	µg/L	
2-Hexanone	10.0000 U	10.0000 U	µg/L	
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L	
Methylene Chloride	10.0000 U	10.0000 U	µg/L	
Styrene	10.0000 U	10.0000 U	µg/L	
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L	
Tetrachloroethene	10.0000 U	10.0000 U	µg/L	
Toluene	10.0000 U	10.0000 U	µg/L	
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L	
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L	
Trichloroethene	10.0000 UJV	10.0000 U	µg/L	
Vinyl Chloride	10.0000 U	10.0000 U	µg/L	
Xylene (total)	10.0000 U	10.0000 U	µg/L	

IC-A001 WL01

TCL SEMI-VOLATILES

Acenaphthene	10.0000 U	10.0000 U	µg/L	
Acenaphthylene	10.0000 U	10.0000 U	µg/L	
Anthracene	10.0000 U	10.0000 U	µg/L	
Benzo (a) anthracene	10.0000 U	10.0000 U	µg/L	
Benzo (a) pyrene	10.0000 U	10.0000 U	µg/L	
Benzo (b) fluoranthene	10.0000 U	10.0000 U	µg/L	
Benzo (g, h, i) perylene	10.0000 U	10.0000 U	µg/L	
Benzo (k) fluoranthene	10.0000 U	10.0000 U	µg/L	
bis (2-Chloroethoxy) Methane	10.0000 U	10.0000 U	µg/L	
bis (2-Chloroethyl) Ether	10.0000 U	10.0000 U	µg/L	
bis (2-Ethylhexyl) phthalate	0.7000 J	0.9000 J	µg/L	25.0
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L	
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L	
Carbazole	10.0000 U	10.0000 U	µg/L	
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L	
4-Chloroaniline	10.0000 U	10.0000 U	µg/L	
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L	
2-Chlorophenol	10.0000 U	10.0000 U	µg/L	
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L	
Chrysene	10.0000 U	10.0000 U	µg/L	
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L	
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L	
Dibenz (a, h) anthracene	10.0000 U	10.0000 U	µg/L	
Dibenzofuran	10.0000 U	10.0000 U	µg/L	
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L	
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L	
Diethylphthalate	10.0000 U	10.0000 U	µg/L	
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025046

Remedial Investigation Comparison of Results for Duplicate Sample

025047

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Uni	RPD** (%)
Dimethylphthalate	10.0000 U	10.0000 U	µg/L	
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
Fluoranthene	10.0000 U	10.0000 U	µg/L	
Fluorene	10.0000 U	10.0000 U	µg/L	
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L	
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L	
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L	
Hexachloroethane	10.0000 U	10.0000 U	µg/L	
Indeno(1,2,3-cd)pyrene	10.0000 U	10.0000 U	µg/L	
Isophorone	10.0000 U	10.0000 U	µg/L	
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L	
2-Methylphenol	10.0000 U	10.0000 U	µg/L	
4-Methylphenol	10.0000 U	10.0000 U	µg/L	
Naphthalene	10.0000 U	10.0000 U	µg/L	
2-Nitroaniline	25.0000 U	25.0000 U	µg/L	
3-Nitroaniline	25.0000 U	25.0000 U	µg/L	
4-Nitroaniline	25.0000 U	25.0000 U	µg/L	
Nitrobenzene	10.0000 U	10.0000 U	µg/L	
2-Nitrophenol	10.0000 U	10.0000 U	µg/L	
4-Nitrophenol	25.0000 U	25.0000 U	µg/L	
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L	
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L	
2,2'-Oxybis(1-Chloropropane)	10.0000 U	10.0000 U	µg/L	
Pentachlorophenol	25.0000 U	25.0000 U	µg/L	
Phenanthrene	10.0000 U	10.0000 U	µg/L	
Phenol	10.0000 U	10.0000 U	µg/L	
Pyrene	10.0000 U	10.0000 U	µg/L	
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L	
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L	
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L	

1C-A001 WL01

TCL PESTICIDES

Aldrin	0.0076 J	0.0069 J	µg/L	9.7
Aroclor-1016	1.0000 U	1.0000 U	µg/L	
Aroclor-1221	2.0000 U	2.0000 U	µg/L	
Aroclor-1232	1.0000 U	1.0000 U	µg/L	
Aroclor-1242	1.0000 U	1.0000 U	µg/L	
Aroclor-1248	1.0000 U	1.0000 U	µg/L	
Aroclor-1254	1.0000 U	1.0000 U	µg/L	
Aroclor-1260	1.0000 U	1.0000 UJv	µg/L	
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L	
alpha-BHC	0.0500 U	0.0500 U	µg/L	
beta-BHC	0.0190 J	0.0180 J	µg/L	5.4
delta-BHC	0.0500 U	0.0500 U	µg/L	
alpha-Chlordane	0.0500 UJv	0.0500 U	µg/L	
gamma-Chlordane	0.0500 UJv	0.0500 U	µg/L	
4,4'-DDD	0.1000 UJv	0.1000 UJv	µg/L	
4,4'-DDE	0.1000 UJv	0.1000 U	µg/L	
4,4'-DDT	0.1000 UJv	0.1000 UJv	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025047

Remedial Investigation Comparison of Results for Duplicate Samples

025048

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RPD**
Dieldrin	0.1000 UJv	0.1000 U	µg/L	
Endosulfan I	0.0500 UJv	0.0500 U	µg/L	
Endosulfan II	0.1000 UJv	0.1000 UJv	µg/L	
Endosulfan sulfate	0.1000 UJv	0.1000 UJv	µg/L	
Endrin	0.1000 UJv	0.1000 U	µg/L	
Endrin aldehyde	0.1000 UJv	0.1000 UJv	µg/L	
Endrin ketone	0.1000 UJv	0.1000 UJv	µg/L	
Heptachlor	0.0500 UJv	0.0500 U	µg/L	
Heptachlor epoxide	0.0500 UJv	0.0500 U	µg/L	
Methoxychlor	0.5000 UJv	0.5000 UJv	µg/L	
Toxaphene	5.0000 U	5.0000 UJv	µg/L	

IC-A001 WL01

WET CHEMISTRY

TOC	9,500.0000	8,880.0000	µg/L	6.8
TDS	220,000.0000	198,000.0000	µg/L	10.5
TSS	1,590,000.0000	10,000.0000	µg/L	197.5

3A-S001 GW01

TAL TOTAL INORGANICS

Aluminum	2,080.0000 J	2,980.0000 J	µg/L	35.6
Antimony	4.5000 U	4.5000 U	µg/L	
Arsenic	5.3000 L	3.3000 L	µg/L	46.5
Barium	22.2000 L	25.7000 L	µg/L	14.6
Beryllium	0.9500 ULC	0.9000 ULC	µg/L	
Cadmium	22.5000 U	22.5000 U	µg/L	
Calcium	320,000.0000	321,000.0000	µg/L	0.3
Chromium	14.0000 U	14.0000 U	µg/L	
Cobalt	35.5000 U	35.5000 U	µg/L	
Copper	0.9000 U	0.9000 U	µg/L	
Iron	7,240.0000 J	8,700.0000 J	µg/L	18.3
Lead	1.9000 U	1.9000 U	µg/L	
Magnesium	48,300.0000	48,500.0000	µg/L	0.4
Manganese	162.0000	174.0000	µg/L	7.1
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	6.0000 L	5.9000 L	µg/L	1.7
Potassium	13,600.0000	14,400.0000	µg/L	5.7
Selenium	3.1000 U	3.1000 U	µg/L	
Silver	0.6000 U	0.6000 U	µg/L	
Sodium	1,000,000.0000	998,000.0000	µg/L	0.2
Thallium	3.8000 U	3.8000 U	µg/L	
Vanadium	4.4000 L	7.3000 L	µg/L	49.6
Zinc	20.0000 J	42.7000 J	µg/L	72.4

TAL DISSOLVED INORGANICS

Aluminum	338.0000 UJ	338.0000 UJ	µg/L	
Antimony	4.5000 U	4.5000 U	µg/L	
Arsenic	4.4000 L	2.6000 L	µg/L	51.4
Barium	16.2000 L	16.0000 L	µg/L	1.2
Beryllium	0.7900 ULC	0.7500 ULC	µg/L	
Cadmium	23.9000 L	28.1000 J	µg/L	16.2

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025048

Remedial Investigation Comparison of Results for Duplicate Sample

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	RPD** (%)
Calcium	300,000.0000	296,000.0000	µg/L	1.3
Chromium	14.0000 U	14.0000 U	µg/L	
Cobalt	35.5000 U	35.5000 U	µg/L	
Copper	0.9000 U	0.9000 U	µg/L	
Iron	379.0000 J	868.0000 J	µg/L	78.4
Lead	1.9000 U	1.9000 U	µg/L	
Magnesium	46,500.0000	45,300.0000	µg/L	2.6
Manganese	131.0000	130.0000	µg/L	0.8
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	4.0000 L	4.0000 U	µg/L	
Potassium	12,500.0000	12,100.0000	µg/L	3.3
Selenium	3.1000 U	3.1000 U	µg/L	
Silver	0.6000 U	0.6000 U	µg/L	
Sodium	967,000.0000	928,000.0000	µg/L	4.1
Thallium	3.8000 U	3.8000 U	µg/L	
Vanadium	0.5000 U	0.5000 U	µg/L	
Zinc	2.5000 LJ	2.1000 UJ	µg/L	17.4

3A-S001 GW01

TCL VOLATILES

Acetone	10.0000 U	10.0000 U	µg/L
Benzene	10.0000 U	10.0000 U	µg/L
Bromodichloromethane	10.0000 U	10.0000 U	µg/L
Bromoform	10.0000 U	10.0000 U	µg/L
Bromomethane	10.0000 U	10.0000 U	µg/L
2-Butanone	10.0000 U	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L
Chlorobenzene	10.0000 U	10.0000 U	µg/L
Chloroethane	10.0000 U	10.0000 U	µg/L
Chloroform	10.0000 U	10.0000 U	µg/L
Chloromethane	10.0000 U	10.0000 U	µg/L
Dibromochloromethane	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
Ethylbenzene	10.0000 U	10.0000 U	µg/L
2-Hexanone	10.0000 U	10.0000 U	µg/L
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L
Methylene Chloride	10.0000 U	10.0000 U	µg/L
Styrene	10.0000 U	10.0000 U	µg/L
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L
Tetrachloroethene	10.0000 U	10.0000 U	µg/L
Toluene	10.0000 U	10.0000 U	µg/L
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L
Trichloroethene	10.0000 U	10.0000 U	µg/L
Vinyl Chloride	10.0000 U	10.0000 U	µg/L
Xylene (total)	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Sample:

025050

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
3A-S001 GW01			
TCL SEMI-VOLATILES			
Acenaphthene	10.0000 U	10.0000 U	µg/L
Acenaphthylene	10.0000 U	10.0000 U	µg/L
Anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) pyrene	10.0000 U	10.0000 U	µg/L
Benzo (b) fluoranthene	10.0000 U	10.0000 U	µg/L
Benzo (g, h, i) perylene	10.0000 U	10.0000 U	µg/L
Benzo (k) fluoranthene	10.0000 U	10.0000 U	µg/L
bis (2-Chloroethoxy) Methane	10.0000 U	10.0000 U	µg/L
bis (2-Chloroethyl) Ether	10.0000 U	10.0000 U	µg/L
bis (2-Ethylhexyl) phthalate	10.0000 U	10.0000 U	µg/L
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L
Carbazole	10.0000 U	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Chrysene	10.0000 U	10.0000 U	µg/L
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L
Dibenz (a, h) anthracene	10.0000 U	10.0000 U	µg/L
Dibenzofuran	10.0000 U	10.0000 U	µg/L
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L
Diethylphthalate	10.0000 U	10.0000 U	µg/L
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L
Dimethylphthalate	10.0000 U	10.0000 U	µg/L
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
Fluoranthene	10.0000 U	10.0000 U	µg/L
Fluorene	10.0000 U	10.0000 U	µg/L
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L
Hexachloroethane	10.0000 U	10.0000 U	µg/L
Indeno (1,2,3-cd) pyrene	10.0000 U	10.0000 U	µg/L
Isophorone	10.0000 U	10.0000 U	µg/L
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L
2-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Methylphenol	10.0000 U	10.0000 U	µg/L
Naphthalene	10.0000 U	10.0000 U	µg/L
2-Nitroaniline	25.0000 U	25.0000 U	µg/L
3-Nitroaniline	25.0000 U	25.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025050

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	D**
4-Nitroaniline	25.0000 U	25.0000 U	µg/L	
Nitrobenzene	10.0000 U	10.0000 U	µg/L	
2-Nitrophenol	10.0000 U	10.0000 U	µg/L	
4-Nitrophenol	25.0000 U	25.0000 U	µg/L	
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L	
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L	
2,2'-Oxybis(1-Chloropropane)	10.0000 U	10.0000 U	µg/L	
Pentachlorophenol	25.0000 U	25.0000 U	µg/L	
Phenanthrene	10.0000 U	10.0000 U	µg/L	
Phenol	10.0000 U	10.0000 U	µg/L	
Pyrene	10.0000 U	10.0000 U	µg/L	
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L	
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L	
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L	

3A-S001 GW01

TCL PESTICIDES

Aldrin	0.0500 U	0.0500 U	µg/L	
Aroclor-1016	1.0000 U	1.0000 U	µg/L	
Aroclor-1221	2.0000 U	2.0000 U	µg/L	
Aroclor-1232	1.0000 U	1.0000 U	µg/L	
Aroclor-1242	1.0000 U	1.0000 U	µg/L	
Aroclor-1248	1.0000 U	1.0000 U	µg/L	
Aroclor-1254	1.0000 U	1.0000 U	µg/L	
Aroclor-1260	1.0000 U	1.0000 U	µg/L	
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L	
alpha-BHC	0.0500 U	0.0500 U	µg/L	
beta-BHC	0.0500 U	0.0500 U	µg/L	
delta-BHC	0.0500 U	0.0500 U	µg/L	
alpha-Chlordane	0.0500 U	0.0500 U	µg/L	
gamma-Chlordane	0.0500 U	0.0500 U	µg/L	
4,4'-DDD	0.1000 U	0.1000 U	µg/L	
4,4'-DDE	0.1000 U	0.1000 U	µg/L	
4,4'-DDT	0.1000 U	0.1000 U	µg/L	
Dieldrin	0.1000 U	0.1000 U	µg/L	
Endosulfan I	0.0500 U	0.0500 U	µg/L	
Endosulfan II	0.1000 U	0.1000 U	µg/L	
Endosulfan sulfate	0.1000 U	0.1000 U	µg/L	
Endrin	0.1000 U	0.1000 U	µg/L	
Endrin aldehyde	0.1000 U	0.1000 U	µg/L	
Endrin ketone	0.1000 U	0.1000 U	µg/L	
Heptachlor	0.0500 U	0.0500 U	µg/L	
Heptachlor epoxide	0.0500 U	0.0500 U	µg/L	
Methoxychlor	0.5000 U	0.5000 U	µg/L	
Toxaphene	5.0000 U	5.0000 U	µg/L	

WET CHEMISTRY

Total Alkalinity	253,000.0000	231,000.0000	µg/L	9.1
Chloride	1,090,000.0000	1,170,000.0000	µg/L	7.1
Fluoride	632.0000	627.0000	µg/L	0.8
Nitrate	100.0000 <	100.0000 <	µg/L	
Oil and Grease	10,000.0000 <	384,000.0000	µg/L	189.9

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Sample

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	RPD** (%)
Total Phosphorus	100.0000 <	100.0000 <	µg/	
TDS	3,930,000.0000 -	3,920,000.0000 -	µg/	0.3
TSS	160,000.0000 -	195,000.0000 -	µg/	9.7
Sulfate	1,470,000.0000 -	1,420,000.0000 -	µg/	3.5

025052

3B-S003 GW01

TAL TOTAL INORGANICS

Aluminum	53,000.0000 J	34,600.0000 J	µg/L	42.0
Antimony	2.3000 LJv	1.9000 UJv	µg/L	19.1
Arsenic	19.6000 -	17.0000 -	µg/L	14.2
Barium	245.0000 -	200.0000 L	µg/L	20.2
Beryllium	2.7000 L	2.1000 LJ	µg/L	25.0
Cadmium	3.4000 L	2.8000 L	µg/L	19.4
Calcium	709,000.0000 -	715,000.0000 -	µg/L	0.8
Chromium	61.2000 -	43.0000 -	µg/L	34.9
Cobalt	33.9000 L	31.6000 L	µg/L	7.0
Copper	41.5000 -	36.0000 -	µg/L	14.2
Iron	54,600.0000 -	45,200.0000 -	µg/L	18.8
Lead	34.2000 -	29.0000 -	µg/L	16.5
Magnesium	104,000.0000 -	105,000.0000 -	µg/L	1.0
Manganese	7,220.0000 Jv	7,300.0000 Jv	µg/L	1.1
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	93.7000 -	77.4000 -	µg/L	19.1
Potassium	29,700.0000 J	26,000.0000 J	µg/L	13.3
Selenium	5.6000 J	5.7000 J	µg/L	1.8
Silver	0.5000 U	0.5000 U	µg/L	
Sodium	437,000.0000 -	441,000.0000 -	µg/L	0.9
Thallium	4.7000 L	4.5000 U	µg/L	4.4
Vanadium	112.0000 -	81.4000 -	µg/L	31.6
Zinc	170.0000 -	152.0000 -	µg/L	11.2

TAL DISSOLVED INORGANICS

Aluminum	19.2000 UJF	19.2000 UJF	µg/L	
Antimony	1.9000 U	1.9000 U	µg/L	
Arsenic	3.8000 L	3.2000 U	µg/L	17.1
Barium	50.7000 L	53.3000 L	µg/L	5.0
Beryllium	0.2000 U	0.2000 U	µg/L	
Cadmium	0.3000 U	0.4600 L	µg/L	42.1
Calcium	587,000.0000 -	664,000.0000 -	µg/L	12.3
Chromium	0.9000 U	0.9000 U	µg/L	
Cobalt	17.6000 L	19.1000 L	µg/L	8.2
Copper	4.0000 L	4.2000 L	µg/L	4.9
Iron	6,920.0000 -	7,420.0000 -	µg/L	7.0
Lead	1.9000 U	1.9000 U	µg/L	
Magnesium	97,800.0000 -	101,000.0000 -	µg/L	3.2
Manganese	6,710.0000 -	6,940.0000 -	µg/L	3.4
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	37.7000 L	38.2000 L	µg/L	1.3
Potassium	16,400.0000 J	17,200.0000 J	µg/L	4.8
Selenium	4.4000 U	4.4000 U	µg/L	
Silver	0.5000 U	0.5000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025052

Remedial Investigation Comparison of Results for Duplicate Sample

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	PD** (%)
Sodium	435,000.0000	448,000.0000	µg/L	1.9
Thallium	4.8000 L	4.5000 U	µg/L	.5
Vanadium	0.8500 L	1.1000 L	µg/L	.6
Zinc	59.6000	37.1000	µg/L	46.5

3B-S003 GW01

TCL VOLATILES

Acetone	10.0000 U	10.0000 U	µg/L	
Benzene	10.0000 U	10.0000 U	µg/L	
Bromodichloromethane	10.0000 U	10.0000 U	µg/L	
Bromoform	10.0000 U	10.0000 U	µg/L	
Bromomethane	10.0000 U	10.0000 U	µg/L	
2-Butanone	10.0000 U	10.0000 U	µg/L	
Carbon Disulfide	10.0000 U	10.0000 U	µg/L	
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L	
Chlorobenzene	10.0000 U	10.0000 U	µg/L	
Chloroethane	10.0000 U	10.0000 U	µg/L	
Chloroform	10.0000 U	10.0000 U	µg/L	
Chloromethane	10.0000 U	10.0000 U	µg/L	
Dibromochloromethane	10.0000 U	10.0000 U	µg/L	
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethene (total)	44.0000	54.0000	µg/L	20.4
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L	
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L	
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L	
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L	
Ethylbenzene	3.0000 U	10.0000 U	µg/L	
2-Hexanone	10.0000 U	10.0000 U	µg/L	
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L	
Methylene Chloride	10.0000 U	10.0000 U	µg/L	
Styrene	10.0000 U	10.0000 U	µg/L	
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L	
Tetrachloroethene	10.0000 U	10.0000 U	µg/L	
Toluene	10.0000 U	10.0000 U	µg/L	
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L	
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L	
Trichloroethene	10.0000 U	10.0000 U	µg/L	
Vinyl Chloride	14.0000	10.0000 U	µg/L	33.3
Xylene (total)	10.0000 U	10.0000 U	µg/L	

TCL SEMI-VOLATILES

Acenaphthene	10.0000 U	10.0000 U	µg/L	
Acenaphthylene	10.0000 U	10.0000 U	µg/L	
Anthracene	10.0000 U	10.0000 U	µg/L	
Benzo(a)anthracene	10.0000 U	10.0000 U	µg/L	
Benzo(a)pyrene	10.0000 U	10.0000 U	µg/L	
Benzo(b)fluoranthene	10.0000 U	10.0000 U	µg/L	
Benzo(g,h,i)perylene	10.0000 U	10.0000 U	µg/L	
Benzo(k)fluoranthene	10.0000 U	10.0000 U	µg/L	
bis(2-Chloroethoxy)Methane	10.0000 U	10.0000 U	µg/L	
bis(2-Chloroethyl)Ether	10.0000 U	10.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025053

Remedial Investigation Comparison of Results for Duplicate Sample

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Unit	PD** (%)
bis(2-Ethylhexyl)phthalate	5.0000 U	3.0000 U	µg/	0.0
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/	
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/	
Carbazole	10.0000 U	10.0000 U	µg/L	
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L	
4-Chloroaniline	10.0000 U	10.0000 U	µg/L	
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L	
2-Chlorophenol	10.0000 U	10.0000 U	µg/L	
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L	
Chrysene	10.0000 U	10.0000 U	µg/L	
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L	
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L	
Dibenz(a,h)anthracene	10.0000 U	10.0000 U	µg/L	
Dibenzofuran	10.0000 U	10.0000 U	µg/L	
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L	
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L	
Diethylphthalate	10.0000 U	10.0000 U	µg/L	
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L	
Dimethylphthalate	10.0000 U	10.0000 U	µg/L	
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
Fluoranthene	10.0000 U	10.0000 U	µg/L	
Fluorene	10.0000 U	10.0000 U	µg/L	
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L	
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L	
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L	
Hexachloroethane	10.0000 U	10.0000 U	µg/L	
Indeno(1,2,3-cd)pyrene	10.0000 U	10.0000 U	µg/L	
Isophorone	10.0000 U	10.0000 U	µg/L	
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L	
2-Methylphenol	10.0000 U	10.0000 U	µg/L	
4-Methylphenol	10.0000 U	10.0000 U	µg/L	
Naphthalene	10.0000 U	10.0000 U	µg/L	
2-Nitroaniline	25.0000 U	25.0000 U	µg/L	
3-Nitroaniline	25.0000 U	25.0000 U	µg/L	
4-Nitroaniline	25.0000 U	25.0000 U	µg/L	
Nitrobenzene	10.0000 U	10.0000 U	µg/L	
2-Nitrophenol	10.0000 U	10.0000 U	µg/L	
4-Nitrophenol	25.0000 U	25.0000 U	µg/L	
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L	
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L	
2,2'-Oxybis(1-Chloropropane)	10.0000 U	10.0000 U	µg/L	
Pentachlorophenol	25.0000 U	25.0000 U	µg/L	
Phenanthrene	10.0000 U	10.0000 U	µg/L	
Phenol	10.0000 U	10.0000 U	µg/L	
Pyrene	10.0000 U	10.0000 U	µg/L	
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L	
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025054

025054

Remedial Investigation Comparison of Results for Duplicate Sample:

025055

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. Unit: & Qualifer*	PD** (%)
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/l

3B-S003 GW01

TCL PESTICIDES

Aldrin	0.0500 U	0.0500 U	µg/L
Aroclor-1016	1.0000 U	1.0000 U	µg/L
Aroclor-1221	2.0000 U	2.0000 U	µg/L
Aroclor-1232	1.0000 U	1.0000 U	µg/L
Aroclor-1242	1.0000 U	1.0000 U	µg/L
Aroclor-1248	1.0000 U	1.0000 U	µg/L
Aroclor-1254	1.0000 U	1.0000 U	µg/L
Aroclor-1260	1.0000 U	1.0000 U	µg/L
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L
alpha-BHC	0.0500 U	0.0500 U	µg/L
beta-BHC	0.0500 U	0.0500 U	µg/L
delta-BHC	0.0500 U	0.0500 U	µg/L
alpha-Chlordane	0.0500 U	0.0500 U	µg/L
gamma-Chlordane	0.0500 U	0.0500 U	µg/L
4,4'-DDD	0.1000 U	0.1000 U	µg/L
4,4'-DDE	0.1000 U	0.1000 U	µg/L
4,4'-DDT	0.1000 U	0.1000 U	µg/L
Dieldrin	0.1000 U	0.1000 U	µg/L
Endosulfan I	0.0500 U	0.0500 U	µg/L
Endosulfan II	0.1000 U	0.1000 U	µg/L
Endosulfan sulfate	0.1000 U	0.1000 U	µg/L
Endrin	0.1000 U	0.1000 U	µg/L
Endrin aldehyde	0.1000 U	0.1000 U	µg/L
Endrin ketone	0.1000 U	0.1000 U	µg/L
Heptachlor	0.0500 U	0.0500 U	µg/L
Heptachlor epoxide	0.0500 U	0.0500 U	µg/L
Methoxychlor	0.5000 U	0.5000 U	µg/L
Toxaphene	5.0000 U	5.0000 U	µg/L

WET CHEMISTRY

Total Alkalinity	614,000.0000	637,000.0000	µg/L	3.7
Chloride	1,180,000.0000	152,000.0000	µg/L	154.4
Fluoride	340.0000	320.0000	µg/L	6.1
Nitrate	275.0000	136.0000	µg/L	67.6
Oil and Grease	800.0000	800.0000	µg/L	
Total Phosphorus	3,530.0000	1,950.0000	µg/L	57.7
TDS	5,260,000.0000	5,210,000.0000	µg/L	1.0
TSS	2,840,000.0000	2,800,000.0000	µg/L	1.4
Sulfate	1,440,000.0000	1,360,000.0000	µg/L	5.7

3B-S008 SL01

TAL TOTAL INORGANICS

Aluminum	25,100.0000	26,800.0000	mg/kg	6.6
Antimony	3.2000	2.6000	mg/kg	20.7
Arsenic	10.9000	11.8000	mg/kg	7.9
Barium	100.0000	111.0000	mg/kg	10.4
Beryllium	1.3000	1.4000	mg/kg	7.4

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

\$2
Remedial Investigation Comparison of Results for Duplicate Samples

025056

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	D**
Cadmium	1.2000	1.3000	mg/kg	.0
Calcium	46,800.0000	53,400.0000	mg/kg	.2
Chromium	34.1000	37.2000	mg/kg	8.7
Cobalt	10.8000	11.9000	mg/kg	9.7
Copper	23.2000	24.5000	mg/kg	5.5
Iron	24,000.0000	27,100.0000	mg/kg	12.1
Lead	105.0000	93.4000	mg/kg	11.7
Magnesium	4,010.0000	4,430.0000	mg/kg	10.0
Manganese	405.0000 J	479.0000 J	mg/kg	16.7
Mercury	0.1100 U	0.1100 U	mg/kg	
Nickel	28.9000	30.7000	mg/kg	6.0
Potassium	5,180.0000	5,970.0000	mg/kg	14.2
Selenium	0.8900	0.6900 U	mg/kg	25.3
Silver	0.2200 U	0.2300 U	mg/kg	
Sodium	161.0000 UC	177.0000 UC	mg/kg	
Thallium	0.8600 UC	0.6900 U	mg/kg	
Vanadium	63.2000	65.3000	mg/kg	3.3
Zinc	67.1000	75.0000	mg/kg	11.1

3B-S009 UL01

TAL TOTAL INORGANICS

Aluminum	22,200.0000	19,900.0000	mg/kg	10.9
Antimony	11.2000 Jv	10.8000 Jv	mg/kg	3.6
Arsenic	10.1000 Jv	9.3000 Jv	mg/kg	8.3
Barium	99.7000	126.0000	mg/kg	23.3
Beryllium	1.3000	1.3000	mg/kg	
Cadmium	0.8800 U	1.4000 J	mg/kg	45.6
Calcium	53,900.0000 J	59,400.0000 J	mg/kg	9.7
Chromium	32.8000	31.3000	mg/kg	4.7
Cobalt	12.3000	14.4000	mg/kg	15.7
Copper	29.1000	27.2000	mg/kg	6.8
Iron	28,700.0000	29,100.0000	mg/kg	1.4
Lead	250.0000	245.0000	mg/kg	2.0
Magnesium	4,190.0000	3,940.0000	mg/kg	6.2
Manganese	385.0000 J	466.0000 J	mg/kg	19.0
Mercury	0.0600 U	0.0700 U	mg/kg	
Nickel	32.9000	33.5000	mg/kg	1.8
Potassium	3,580.0000	3,270.0000	mg/kg	9.1
Selenium	2.1000 U	2.1000 U	mg/kg	
Silver	2.3000 U	2.4000 U	mg/kg	
Sodium	647.0000	618.0000	mg/kg	4.6
Thallium	0.2100	0.1800 U	mg/kg	15.4
Vanadium	58.7000	54.0000	mg/kg	8.3
Zinc	78.7000	77.6000	mg/kg	1.4

TCL VOLATILES

Acetone	0.0130 U	0.0130 U	mg/kg	
Benzene	0.0130 U	0.0130 U	mg/kg	
Bromodichloromethane	0.0130 U	0.0130 U	mg/kg	
Bromoform	0.0130 U	0.0130 U	mg/kg	
Bromomethane	0.0130 U	0.0130 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025056

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
2-Butanone	0.0130 U	0.0130 U	mg/kg
Carbon Disulfide	0.0130 U	0.0130 U	mg/kg
Carbon Tetrachloride	0.0130 U	0.0130 U	mg/kg
Chlorobenzene	0.0130 U	0.0130 U	mg/kg
Chloroethane	0.0130 U	0.0130 U	mg/kg
Chloroform	0.0130 U	0.0130 U	mg/kg
Chloromethane	0.0130 U	0.0130 U	mg/kg
Dibromochloromethane	0.0130 U	0.0130 U	mg/kg
1,1-Dichloroethane	0.0130 U	0.0130 U	mg/kg
1,2-Dichloroethane	0.0130 U	0.0130 U	mg/kg
1,2-Dichloroethene (total)	0.0130 U	0.0130 U	mg/kg
1,1-Dichloroethene	0.0130 U	0.0130 U	mg/kg
1,2-Dichloropropane	0.0130 U	0.0130 U	mg/kg
cis-1,3-Dichloropropene	0.0130 U	0.0130 U	mg/kg
trans-1,3-Dichloropropene	0.0130 U	0.0130 U	mg/kg
Ethylbenzene	0.0130 U	0.0130 U	mg/kg
2-Hexanone	0.0130 U	0.0130 U	mg/kg
4-Methyl-2-Pentanone	0.0130 U	0.0130 U	mg/kg
Methylene Chloride	0.0170 UJ	0.0150 UJ	mg/kg
Styrene	0.0130 U	0.0130 U	mg/kg
1,1,2,2-Tetrachloroethane	0.0130 U	0.0130 U	mg/kg
Tetrachloroethene	0.0130 U	0.0130 U	mg/kg
Toluene	0.0130 U	0.0130 U	mg/kg
1,1,1-Trichloroethane	0.0130 U	0.0130 U	mg/kg
1,1,2-Trichloroethane	0.0130 U	0.0130 U	mg/kg
Trichloroethene	0.0130 U	0.0130 U	mg/kg
Vinyl Chloride	0.0130 U	0.0130 U	mg/kg
Xylene (total)	0.0130 U	0.0130 U	mg/kg

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TCL SEMI-VOLATILES

Acenaphthene	0.4300 U	0.4300 U	mg/kg
Acenaphthylene	0.4300 U	0.4300 U	mg/kg
Anthracene	0.4300 U	0.4300 U	mg/kg
Benzo(a)anthracene	0.4300 U	0.4300 U	mg/kg
Benzo(a)pyrene	0.4300 U	0.4300 U	mg/kg
Benzo(b)fluoranthene	0.4300 U	0.4300 U	mg/kg
Benzo(g,h,i)perylene	0.4300 U	0.4300 U	mg/kg
Benzo(k)fluoranthene	0.4300 U	0.4300 U	mg/kg
bis(2-Chloroethoxy)Methane	0.4300 U	0.4300 U	mg/kg
bis(2-Chloroethyl)Ether	0.4300 U	0.4300 U	mg/kg
bis(2-Ethylhexyl)phthalate	15.0000 J	0.0660 J	mg/kg 198.3
4-Bromophenyl-phenylether	0.4300 U	0.4300 U	mg/kg
Butylbenzylphthalate	0.4300 U	0.4300 U	mg/kg
Carbazole	0.4300 U	0.4300 U	mg/kg
4-Chloro-3-Methylphenol	0.4300 U	0.4300 U	mg/kg
4-Chloroaniline	0.4300 U	0.4300 U	mg/kg
2-Chloronaphthalene	0.4300 U	0.4300 U	mg/kg
2-Chlorophenol	0.4300 U	0.4300 U	mg/kg
4-Chlorophenyl-phenylether	0.4300 U	0.4300 U	mg/kg
Chrysene	0.4300 U	0.4300 U	mg/kg
Di-n-butylphthalate	0.4300 U	0.4300 U	mg/kg
Di-n-octylphthalate	0.4300 U	0.4300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	**
Dibenz (a,h)anthracene	0.4300 U	0.4300 U	mg/kg	
Dibenzofuran	0.4300 U	0.4300 U	mg/kg	
1,2-Dichlorobenzene	0.4300 U	0.4300 U	mg/kg	
1,3-Dichlorobenzene	0.4300 U	0.4300 U	mg/kg	
1,4-Dichlorobenzene	0.4300 U	0.4300 U	mg/kg	
3,3'-Dichlorobenzidine	0.4300 U	0.4300 U	mg/kg	
2,4-Dichlorophenol	0.4300 U	0.4300 U	mg/kg	
Diethylphthalate	0.4300 U	0.4300 U	mg/kg	
2,4-Dimethylphenol	0.4300 U	0.4300 U	mg/kg	
Dimethylphthalate	0.4300 U	0.4300 U	mg/kg	
4,6-Dinitro-2-Methylphenol	1.1000 U	1.1000 U	mg/kg	
2,4-Dinitrophenol	1.1000 U	1.1000 U	mg/kg	
2,4-Dinitrotoluene	0.4300 U	0.4300 U	mg/kg	
2,6-Dinitrotoluene	0.4300 U	0.4300 U	mg/kg	
Fluoranthene	0.4300 U	0.4300 U	mg/kg	
Fluorene	0.4300 U	0.4300 U	mg/kg	
Hexachlorobenzene	0.4300 U	0.4300 U	mg/kg	
Hexachlorobutadiene	0.4300 U	0.4300 U	mg/kg	
Hexachlorocyclopentadiene	0.4300 U	0.4300 U	mg/kg	
Hexachloroethane	0.4300 U	0.4300 U	mg/kg	
Indeno (1,2,3-cd)pyrene	0.4300 U	0.4300 U	mg/kg	
Isophorone	0.4300 U	0.4300 U	mg/kg	
2-Methylnaphthalene	0.4300 U	0.4300 U	mg/kg	
2-Methylphenol	0.4300 U	0.4300 U	mg/kg	
4-Methylphenol	0.4300 U	0.4300 U	mg/kg	
Naphthalene	0.4300 U	0.4300 U	mg/kg	
2-Nitroaniline	1.1000 U	1.1000 U	mg/kg	
3-Nitroaniline	1.1000 U	1.1000 U	mg/kg	
4-Nitroaniline	1.1000 U	1.1000 U	mg/kg	
Nitrobenzene	0.4300 U	0.4300 U	mg/kg	
2-Nitrophenol	0.4300 U	0.4300 U	mg/kg	
4-Nitrophenol	1.1000 U	1.1000 U	mg/kg	
N-Nitroso-di-n-propylamine	0.4300 U	0.4300 U	mg/kg	
N-Nitrosodiphenylamine (1)	0.4300 U	0.4300 U	mg/kg	
2,2'-Oxybis (1-Chloropropane)	0.4300 U	0.4300 U	mg/kg	
Pentachlorophenol	1.1000 U	1.1000 U	mg/kg	
Phenanthrene	0.4300 U	0.4300 U	mg/kg	
Phenol	0.4300 U	0.4300 U	mg/kg	
Pyrene	0.4300 U	0.4300 U	mg/kg	
1,2,4-Trichlorobenzene	0.4300 U	0.4300 U	mg/kg	
2,4,5-Trichlorophenol	1.1000 U	1.1000 U	mg/kg	
2,4,6-Trichlorophenol	0.4300 U	0.4300 U	mg/kg	
3B-S009 UL01				
TCL PESTICIDES				
Aldrin	0.0022 U	0.0022 U	mg/kg	
Aroclor-1016	0.0430 U	0.0430 U	mg/kg	
Aroclor-1221	0.0870 U	0.0880 U	mg/kg	
Aroclor-1232	0.0430 U	0.0430 U	mg/kg	
Aroclor-1242	0.0430 U	0.0430 U	mg/kg	
Aroclor-1248	0.0430 U	0.0430 U	mg/kg	
Aroclor-1254	0.0430 U	0.0430 U	mg/kg	
Aroclor-1260	0.0430 U	0.0430 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025058

Remedial Investigation Comparison of Results for Duplicate Samples

025059

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
gamma-BHC (Lindane)	0.0022 U	0.0022 U	mg/kg
alpha-BHC	0.0022 U	0.0022 U	mg/kg
beta-BHC	0.0022 U	0.0022 U	mg/kg
delta-BHC	0.0022 U	0.0022 U	mg/kg
alpha-Chlordane	0.0022 U	0.0022 U	mg/kg
gamma-Chlordane	0.0002 U	0.0022 U	mg/kg
4,4'-DDD	0.0043 U	0.0043 U	mg/kg
4,4'-DDE	0.0043 U	0.0043 U	mg/kg
4,4'-DDT	0.0043 U	0.0043 U	mg/kg
Dieldrin	0.0043 U	0.0043 U	mg/kg
Endosulfan I	0.0022 U	0.0022 U	mg/kg
Endosulfan II	0.0043 U	0.0043 U	mg/kg
Endosulfan sulfate	0.0043 U	0.0043 U	mg/kg
Endrin	0.0043 U	0.0043 U	mg/kg
Endrin aldehyde	0.0043 U	0.0043 U	mg/kg
Endrin ketone	0.0043 U	0.0043 U	mg/kg
Heptachlor	0.0022 U	0.0022 U	mg/kg
Heptachlor epoxide	0.0022 U	0.0002 U	mg/kg
Methoxychlor	0.0220 U	0.0220 U	mg/kg
Toxaphene	0.2200 U	0.2200 U	mg/kg

3B-S010 SL01

TAL TOTAL INORGANICS

Aluminum	18,800.0000	12,100.0000	mg/kg	43.4
Antimony	1.8000 JV	0.8900 JV	mg/kg	67.7
Arsenic	10.5000	9.1000	mg/kg	14.3
Barium	92.8000	90.7000	mg/kg	2.3
Beryllium	0.9600	0.7700	mg/kg	22.0
Cadmium	0.6000	0.5600	mg/kg	6.9
Calcium	90,800.0000 U	106,000.0000 U	mg/kg	15.5
Chromium	29.8000	23.2000	mg/kg	24.9
Cobalt	8.8000	7.8000	mg/kg	12.1
Copper	21.7000	19.9000	mg/kg	8.7
Iron	24,400.0000	21,300.0000	mg/kg	13.6
Lead	89.1000	87.0000	mg/kg	2.4
Magnesium	4,200.0000	3,540.0000	mg/kg	17.1
Manganese	440.0000	441.0000	mg/kg	0.2
Mercury	0.1100 U	0.1300 U	mg/kg	
Nickel	23.6000	21.8000	mg/kg	7.9
Potassium	4,490.0000	3,370.0000	mg/kg	28.5
Selenium	1.2000 U	1.2000 U	mg/kg	
Silver	0.1700 UJV	0.1600 UJV	mg/kg	
Sodium	489.0000 U	481.0000 U	mg/kg	1.7
Thallium	1.5000 U	1.5000 U	mg/kg	
Vanadium	48.8000	35.0000	mg/kg	32.9
Zinc	78.9000	76.5000	mg/kg	3.1

3C-S040 SL01

TAL TOTAL INORGANICS

Aluminum	18,500.0000	22,900.0000	mg/kg	21.3
Antimony	0.4800 U	0.4800 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025059

Remedial Investigation Comparison of Results for Duplicate Samples

025060

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
Arsenic	8.5000	8.1000	mg/kg	
Barium	92.4000	95.4000	mg/kg	
Beryllium	1.0000	1.1000	mg/kg	9.5
Cadmium	0.1300 U	0.1300 U	mg/kg	
Calcium	51,500.0000 J	48,300.0000 J	mg/kg	6.4
Chromium	26.2000	31.7000	mg/kg	19.0
Cobalt	11.0000	10.8000	mg/kg	1.8
Copper	21.3000	21.6000	mg/kg	1.4
Iron	24,800.0000 J	25,300.0000 J	mg/kg	2.0
Lead	30.8000	38.4000	mg/kg	22.0
Magnesium	3,470.0000	3,950.0000	mg/kg	12.9
Manganese	449.0000	449.0000	mg/kg	
Mercury	0.1300 U	0.1300 U	mg/kg	
Nickel	29.0000	28.6000	mg/kg	1.4
Potassium	5,300.0000	6,390.0000	mg/kg	18.7
Selenium	1.3000 J	1.4000 J	mg/kg	7.4
Silver	0.1500 U	0.1500 U	mg/kg	
Sodium	269.0000 J	271.0000 J	mg/kg	0.7
Thallium	1.4000 U	1.4000 U	mg/kg	
Vanadium	52.2000	62.0000	mg/kg	17.2
Zinc	65.1000	75.9000	mg/kg	15.3

3C-S116 UL01

FIELD MISCELLANEOUS

Total Recoverable Petroleum	244.0000	202.0000	mg/kg	18.8
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3D-S117 SL01

TAL TOTAL INORGANICS

Aluminum	2,410.0000	3,060.0000	mg/kg	23.8
Antimony	1.8000 UCJv	2.8000 UCJv	mg/kg	
Arsenic	5.8000	7.4000	mg/kg	24.2
Barium	39.2000	47.1000	mg/kg	18.3
Beryllium	0.5100	0.5500	mg/kg	7.6
Cadmium	0.7700	1.0000	mg/kg	26.0
Calcium	243,000.0000	201,000.0000	mg/kg	18.9
Chromium	7.2000	9.9000	mg/kg	31.6
Cobalt	4.0000	4.8000	mg/kg	18.2
Copper	11.2000	13.9000	mg/kg	21.5
Iron	8,680.0000	9,810.0000	mg/kg	12.2
Lead	473.0000 J	801.0000 J	mg/kg	51.5
Magnesium	1,830.0000	1,830.0000	mg/kg	
Manganese	354.0000 Jv	390.0000 Jv	mg/kg	9.7
Mercury	0.1100 U	0.1100 U	mg/kg	
Nickel	13.0000	16.0000	mg/kg	20.7
Potassium	1,480.0000 J	1,380.0000 J	mg/kg	7.0
Selenium	0.6400 U	0.6600 U	mg/kg	
Silver	0.2100 U	0.2200 U	mg/kg	
Sodium	24.5000 U	25.1000 U	mg/kg	
Thallium	0.8600 U	0.8800 U	mg/kg	
Vanadium	15.8000	17.9000	mg/kg	12.5
Zinc	62.1000	75.7000	mg/kg	19.7

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025060

Remedial Investigation Comparison of Results for Duplicate Samples

025061

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
3G-A004 DL01 TAL TOTAL INORGANICS				
Aluminum	18,800.0000 J	17,200.0000 J	mg/kg	8.9
Antimony	0.9400 J	3.7000 J	mg/kg	119.0
Arsenic	8.8000 J	5.7000 J	mg/kg	42.8
Barium	113.0000 -	136.0000 -	mg/kg	18.5
Beryllium	1.3000 -	1.1000 -	mg/kg	16.7
Cadmium	1.2000 J	1.1000 J	mg/kg	8.7
Calcium	50,900.0000 J	48,800.0000 J	mg/kg	4.2
Chromium	28.5000 Jv	31.4000 Jv	mg/kg	9.7
Cobalt	10.8000 -	7.7000 -	mg/kg	33.5
Copper	29.8000 J	30.3000 J	mg/kg	1.7
Iron	24,100.0000 -	20,100.0000 -	mg/kg	18.1
Lead	63.0000 J	87.5000 J	mg/kg	32.6
Magnesium	3,630.0000 J	3,650.0000 J	mg/kg	0.6
Manganese	448.0000 -	303.0000 -	mg/kg	38.6
Mercury	0.1500 UR	0.2200 UR	mg/kg	
Nickel	29.2000 J	22.7000 J	mg/kg	25.1
Potassium	4,780.0000 J	5,310.0000 J	mg/kg	10.5
Selenium	0.7500 UJ	1.2000 UJ	mg/kg	
Silver	0.2500 U	0.4000 U	mg/kg	
Sodium	544.0000 Jv	649.0000 Jv	mg/kg	17.6
Thallium	0.7500 U	1.2000 U	mg/kg	
Vanadium	51.9000 -	42.2000 -	mg/kg	20.6
Zinc	85.5000 J	105.0000 J	mg/kg	20.5

TCL VOLATILES

Acetone	0.0260 UJ	0.0170 U	mg/kg
Benzene	0.0190 U	0.0170 U	mg/kg
Bromodichloromethane	0.0190 U	0.0170 U	mg/kg
Bromoform	0.0190 U	0.0170 U	mg/kg
Bromomethane	0.0190 U	0.0170 U	mg/kg
2-Butanone	0.0190 U	0.0170 U	mg/kg
Carbon Disulfide	0.0190 U	0.0170 U	mg/kg
Carbon Tetrachloride	0.0190 U	0.0170 U	mg/kg
Chlorobenzene	0.0190 U	0.0170 U	mg/kg
Chloroethane	0.0190 U	0.0170 U	mg/kg
Chloroform	0.0190 U	0.0170 U	mg/kg
Chloromethane	0.0190 U	0.0170 U	mg/kg
Dibromochloromethane	0.0190 U	0.0170 U	mg/kg
1,1-Dichloroethane	0.0190 U	0.0170 U	mg/kg
1,2-Dichloroethane	0.0190 U	0.0170 U	mg/kg
1,2-Dichloroethene (total)	0.0190 U	0.0170 U	mg/kg
1,1-Dichloroethene	0.0190 U	0.0170 U	mg/kg
1,2-Dichloropropane	0.0190 U	0.0170 U	mg/kg
cis-1,3-Dichloropropene	0.0190 U	0.0170 U	mg/kg
trans-1,3-Dichloropropene	0.0190 U	0.0170 U	mg/kg
Ethylbenzene	0.0190 U	0.0170 U	mg/kg
2-Hexanone	0.0190 U	0.0170 U	mg/kg
4-Methyl-2-Pentanone	0.0190 U	0.0170 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025061

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
Methylene Chloride	0.0190 U	0.0170 U	mg/kg
Styrene	0.0190 U	0.0170 U	mg/kg
1,1,2,2-Tetrachloroethane	0.0190 U	0.0170 U	mg/kg
Tetrachloroethene	0.0190 U	0.0170 U	mg/kg
Toluene	0.0190 U	0.0170 U	mg/kg
1,1,1-Trichloroethane	0.0190 U	0.0170 U	mg/kg
1,1,2-Trichloroethane	0.0190 U	0.0170 U	mg/kg
Trichloroethene	0.0190 U	0.0170 U	mg/kg
Vinyl Chloride	0.0190 U	0.0170 U	mg/kg
Xylene (total)	0.0190 U	0.0170 U	mg/kg

3G-A004 DL01

TCL SEMI-VOLATILES

Acenaphthene	0.6100 U	0.5500 U	mg/kg
Acenaphthylene	0.6100 U	0.5500 U	mg/kg
Anthracene	0.6100 U	0.5500 U	mg/kg
Benzo (a) anthracene	0.6100 U	0.5500 U	mg/kg
Benzo (a) pyrene	0.6100 UJv	0.5500 UJv	mg/kg
Benzo (b) fluoranthene	0.6100 UJv	0.5500 UJv	mg/kg
Benzo (g, h, i) perylene	0.6100 UJv	0.5500 UJv	mg/kg
Benzo (k) fluoranthene	0.6100 UJv	0.5500 UJv	mg/kg
bis (2-Chloroethoxy) Methane	0.6100 U	0.5500 U	mg/kg
bis (2-Chloroethyl) Ether	0.6100 U	0.5500 U	mg/kg
bis (2-Ethylhexyl) phthalate	0.0920 J	0.1600 J	mg/kg
4-Bromophenyl-phenylether	0.6100 U	0.5500 U	mg/kg
Butylbenzylphthalate	0.6100 U	0.5500 U	mg/kg
Carbazole	0.6100 U	0.5500 U	mg/kg
4-Chloro-3-Methylphenol	0.6100 U	0.5500 U	mg/kg
4-Chloroaniline	0.6100 U	0.5500 U	mg/kg
2-Chloronaphthalene	0.6100 U	0.5500 U	mg/kg
2-Chlorophenol	0.6100 U	0.5500 U	mg/kg
4-Chlorophenyl-phenylether	0.6100 U	0.5500 U	mg/kg
Chrysene	0.6100 U	0.5500 U	mg/kg
Di-n-butylphthalate	0.6100 U	0.5500 U	mg/kg
Di-n-octylphthalate	0.6100 UJv	0.5500 UJv	mg/kg
Dibenz (a, h) anthracene	0.6100 UJv	0.5500 UJv	mg/kg
Dibenzofuran	0.6100 U	0.5500 U	mg/kg
1,2-Dichlorobenzene	0.6100 U	0.5500 U	mg/kg
1,3-Dichlorobenzene	0.6100 U	0.5500 U	mg/kg
1,4-Dichlorobenzene	0.6100 U	0.5500 U	mg/kg
3,3'-Dichlorobenzidine	0.6100 U	0.5500 U	mg/kg
2,4-Dichlorophenol	0.6100 U	0.5500 U	mg/kg
Diethylphthalate	0.0320 J	0.5500 U	mg/kg
2,4-Dimethylphenol	0.6100 U	0.5500 U	mg/kg
Dimethylphthalate	0.6100 U	0.5500 U	mg/kg
4,6-Dinitro-2-Methylphenol	1.5000 U	1.3000 U	mg/kg
2,4-Dinitrophenol	1.5000 U	1.3000 U	mg/kg
2,4-Dinitrotoluene	0.6100 U	0.5500 U	mg/kg
2,6-Dinitrotoluene	0.6100 U	0.5500 U	mg/kg
Fluoranthene	0.6100 U	0.5500 U	mg/kg
Fluorene	0.6100 U	0.5500 U	mg/kg
Hexachlorobenzene	0.6100 U	0.5500 U	mg/kg
Hexachlorobutadiene	0.6100 U	0.5500 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025062

54.0

025062

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
Hexachlorocyclopentadiene	0.6100 U	0.5500 U	mg/kg
Hexachloroethane	0.6100 U	0.5500 U	mg/kg
Indeno (1,2,3-cd)pyrene	0.6100 UJV	0.5500 UJV	mg/kg
Isophorone	0.6100 U	0.5500 U	mg/kg
2-Methylnaphthalene	0.6100 U	0.5500 U	mg/kg
2-Methylphenol	0.6100 U	0.5500 U	mg/kg
4-Methylphenol	0.6100 U	0.5500 U	mg/kg
Naphthalene	0.6100 U	0.5500 U	mg/kg
2-Nitroaniline	1.5000 U	1.3000 U	mg/kg
3-Nitroaniline	1.5000 U	1.3000 U	mg/kg
4-Nitroaniline	1.5000 U	1.3000 U	mg/kg
Nitrobenzene	0.6100 U	0.5500 U	mg/kg
2-Nitrophenol	0.6100 U	0.5500 U	mg/kg
4-Nitrophenol	1.5000 U	1.3000 U	mg/kg
N-Nitroso-di-n-propylamine	0.6100 U	0.5500 U	mg/kg
N-Nitrosodiphenylamine (1)	0.6100 U	0.5500 U	mg/kg
2,2'-Oxybis(1-Chloropropane)	0.6100 U	0.5500 U	mg/kg
Pentachlorophenol	1.5000 U	1.3000 U	mg/kg
Phenanthrene	0.6100 U	0.5500 U	mg/kg
Phenol	0.6100 U	0.5500 U	mg/kg
Pyrene	0.6100 U	0.5500 U	mg/kg
1,2,4-Trichlorobenzene	0.6100 U	0.5500 U	mg/kg
2,4,5-Trichlorophenol	1.5000 U	1.3000 U	mg/kg
2,4,6-Trichlorophenol	0.6100 U	0.5500 U	mg/kg

3G-A004 DL01

TCL PESTICIDES

Aldrin	0.0032 U	0.0029 U	mg/kg	
Aroclor-1016	0.0620 U	0.0550 U	mg/kg	
Aroclor-1221	0.1300 U	0.1100 U	mg/kg	
Aroclor-1232	0.0620 U	0.0550 U	mg/kg	
Aroclor-1242	0.0620 U	0.0550 U	mg/kg	
Aroclor-1248	0.0620 U	0.0550 U	mg/kg	
Aroclor-1254	0.0620 U	0.0550 U	mg/kg	
Aroclor-1260	0.0620 U	0.0550 U	mg/kg	
gamma-BHC (Lindane)	0.0032 U	0.0029 U	mg/kg	
alpha-BHC	0.0032 U	0.0029 U	mg/kg	
beta-BHC	0.0032 U	0.0029 U	mg/kg	
delta-BHC	0.0032 U	0.0029 U	mg/kg	
alpha-Chlordane	0.0008 J	0.0011 J	mg/kg	31.6
gamma-Chlordane	0.0005 J	0.0007 J	mg/kg	44.6
4,4'-DDD	0.0062 U	0.0055 U	mg/kg	
4,4'-DDE	0.0010 J	0.0010 J	mg/kg	1.0
4,4'-DDT	0.0010 J	0.0012 J	mg/kg	20.2
Dieldrin	0.0008 J	0.0011 J	mg/kg	32.8
Endosulfan I	0.0032 U	0.0029 U	mg/kg	
Endosulfan II	0.0062 U	0.0055 U	mg/kg	
Endosulfan sulfate	0.0062 U	0.0055 U	mg/kg	
Endrin	0.0037 J	0.0028 J	mg/kg	27.7
Endrin aldehyde	0.0062 U	0.0055 U	mg/kg	
Endrin ketone	0.0062 U	0.0055 U	mg/kg	
Heptachlor	0.0032 U	0.0029 U	mg/kg	
Heptachlor epoxide	0.0032 U	0.0029 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025063

025063

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
Methoxychlor	0.0320 U	0.0290 U	mg/kg	
Toxaphene	0.3200 U	0.2900 U	mg/kg	
3G-A004 DL01	WET CHEMISTRY			
TOC	20,900.0000	10,200.0000	mg/kg	68.8

3G-A004 WL01	TAL TOTAL INORGANICS			
Aluminum	570.0000 J	254.0000 UCJ	µg/L	76.7
Antimony	5.0000 U	5.0000 U	µg/L	
Arsenic	11.3000 UCJ	9.1000 UC	µg/L	
Barium	259.0000 J	192.0000 J	µg/L	29.7
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	2.0000 U	2.0000 U	µg/L	
Calcium	221,000.0000	210,000.0000	µg/L	5.1
Chromium	5.0000 U	5.0000 U	µg/L	
Cobalt	2.0000 U	2.0000 U	µg/L	
Copper	36.7000	73.3000	µg/L	66.6
Iron	2,050.0000 J	1,150.0000 J	µg/L	56.3
Lead	6.6000	4.6000 J	µg/L	35.7
Magnesium	42,600.0000	38,900.0000	µg/L	9.1
Manganese	433.0000	383.0000	µg/L	12.3
Mercury	0.2000	0.2000 U	µg/L	
Nickel	10.0000 U	10.0000 U	µg/L	
Potassium	55,400.0000	44,600.0000	µg/L	21.6
Selenium	5.0000 U	5.0000 U	µg/L	
Silver	3.0000 U	3.0000 U	µg/L	
Sodium	122,000.0000 J	102,000.0000 J	µg/L	17.9
Thallium	7.0000 U	7.0000 U	µg/L	
Vanadium	2.0000 U	2.0000 U	µg/L	
Zinc	22.7000	14.5000	µg/L	44.1

TAL DISSOLVED INORGANICS

Aluminum	25.0000 U	36.0000 UC	µg/L	
Antimony	10.1000	5.0000 U	µg/L	67.6
Arsenic	32.0000 J	7.0000 UCJ	µg/L	128.2
Barium	223.0000	182.0000	µg/L	20.3
Beryllium	1.6000	4.0000	µg/L	85.7
Cadmium	2.0000 U	2.0000 U	µg/L	
Calcium	167,000.0000	191,000.0000	µg/L	13.4
Chromium	5.0000 U	5.0000 U	µg/L	
Cobalt	2.2000 UC	2.4000	µg/L	8.7
Copper	14.0000	25.1000 UC	µg/L	
Iron	94.2000	60.0000 U	µg/L	44.4
Lead	3.0000 U	3.0000 U	µg/L	
Magnesium	33,800.0000	37,800.0000	µg/L	11.2
Manganese	316.0000	334.0000	µg/L	5.5
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	10.0000 U	10.0000 U	µg/L	
Potassium	53,500.0000	49,000.0000	µg/L	8.8

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent Difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Selenium	5.0000 U	5.0000 U	µg/L
Silver	3.0000 U	3.0000 U	µg/L
Sodium	113,000.0000	104,000.0000	µg/L
Thallium	7.0000 U	7.0000 U	µg/L
Vanadium	2.0000 U	2.0000 U	µg/L
Zinc	4.0000 U	4.0000 U	µg/L

3G-A004 WL01

TCL VOLATILES

Acetone	10.0000 U	10.0000 U	µg/L
Benzene	10.0000 U	10.0000 U	µg/L
Bromodichloromethane	10.0000 U	10.0000 U	µg/L
Bromoform	10.0000 U	10.0000 U	µg/L
Bromomethane	10.0000 U	10.0000 U	µg/L
2-Butanone	10.0000 U	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L
Chlorobenzene	10.0000 U	10.0000 U	µg/L
Chloroethane	10.0000 U	10.0000 U	µg/L
Chloroform	10.0000 U	10.0000 U	µg/L
Chloromethane	10.0000 U	10.0000 U	µg/L
Dibromochloromethane	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
Ethylbenzene	10.0000 U	10.0000 U	µg/L
2-Hexanone	10.0000 U	10.0000 U	µg/L
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L
Methylene Chloride	10.0000 U	10.0000 U	µg/L
Styrene	10.0000 U	10.0000 U	µg/L
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L
Tetrachloroethene	10.0000 U	10.0000 U	µg/L
Toluene	10.0000 U	10.0000 U	µg/L
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L
Trichloroethene	10.0000 U	10.0000 U	µg/L
Vinyl Chloride	10.0000 U	10.0000 U	µg/L
Xylene (total)	10.0000 U	10.0000 U	µg/L

TCL SEMI-VOLATILES

Acenaphthene	10.0000 U	10.0000 U	µg/L
Acenaphthylene	10.0000 U	10.0000 U	µg/L
Anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) pyrene	10.0000 U	10.0000 U	µg/L
Benzo (b) fluoranthene	10.0000 U	10.0000 U	µg/L
Benzo (g,h,i) perylene	10.0000 U	10.0000 U	µg/L
Benzo (k) fluoranthene	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025065

025065

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
bis(2-Chloroethoxy)Methane	10.0000 U	10.0000 U	µg/L
bis(2-Chloroethyl)Ether	10.0000 U	10.0000 U	µg/L
bis(2-Ethylhexyl)phthalate	10.0000 U	1.0000 U	µg/L
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L
Carbazole	10.0000 U	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Chrysene	10.0000 U	10.0000 U	µg/L
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L
Dibenz(a,h)anthracene	10.0000 U	10.0000 U	µg/L
Dibenzofuran	10.0000 U	10.0000 U	µg/L
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L
Diethylphthalate	10.0000 U	10.0000 U	µg/L
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L
Dimethylphthalate	10.0000 U	10.0000 U	µg/L
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
Fluoranthene	10.0000 U	10.0000 U	µg/L
Fluorene	10.0000 U	10.0000 U	µg/L
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L
Hexachloroethane	10.0000 U	10.0000 U	µg/L
Indeno(1,2,3-cd)pyrene	10.0000 U	10.0000 U	µg/L
Isophorone	10.0000 U	10.0000 U	µg/L
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L
2-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Methylphenol	10.0000 U	10.0000 U	µg/L
Naphthalene	10.0000 U	10.0000 U	µg/L
2-Nitroaniline	25.0000 U	25.0000 U	µg/L
3-Nitroaniline	25.0000 U	25.0000 U	µg/L
4-Nitroaniline	25.0000 U	25.0000 U	µg/L
Nitrobenzene	10.0000 U	10.0000 U	µg/L
2-Nitrophenol	10.0000 U	10.0000 U	µg/L
4-Nitrophenol	25.0000 U	25.0000 U	µg/L
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L
2,2'-Oxybis(1-Chloropropane)	10.0000 U	10.0000 U	µg/L
Pentachlorophenol	25.0000 U	25.0000 U	µg/L
Phenanthrene	10.0000 U	10.0000 U	µg/L
Phenol	10.0000 U	10.0000 U	µg/L
Pyrene	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025066

025066

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L

3G-A004 WL01

TCL PESTICIDES

Aldrin	0.0500 U	0.0500 U	µg/L
Aroclor-1016	1.0000 U	1.0000 U	µg/L
Aroclor-1221	2.0000 U	2.0000 U	µg/L
Aroclor-1232	1.0000 U	1.0000 U	µg/L
Aroclor-1242	1.0000 U	1.0000 U	µg/L
Aroclor-1248	1.0000 U	1.0000 U	µg/L
Aroclor-1254	1.0000 U	1.0000 U	µg/L
Aroclor-1260	1.0000 U	1.0000 U	µg/L
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L
alpha-BHC	0.0500 U	0.0500 U	µg/L
beta-BHC	0.0500 U	0.0500 U	µg/L
delta-BHC	0.0500 U	0.0500 U	µg/L
alpha-Chlordane	0.0500 U	0.0500 U	µg/L
gamma-Chlordane	0.0500 U	0.0500 U	µg/L
4,4'-DDD	0.1000 U	0.1000 U	µg/L
4,4'-DDE	0.1000 U	0.1000 U	µg/L
4,4'-DDT	0.1000 U	0.1000 U	µg/L
Dieldrin	0.1000 U	0.1000 U	µg/L
Endosulfan I	0.0500 U	0.0500 U	µg/L
Endosulfan II	0.1000 U	0.1000 U	µg/L
Endosulfan sulfate	0.1000 U	0.1000 U	µg/L
Endrin	0.1000 U	0.1000 U	µg/L
Endrin aldehyde	0.1000 U	0.1000 U	µg/L
Endrin ketone	0.1000 U	0.1000 U	µg/L
Heptachlor	0.0500 U	0.0500 U	µg/L
Heptachlor epoxide	0.0500 U	0.0500 U	µg/L
Methoxychlor	0.5000 U	0.5000 U	µg/L
Toxaphene	5.0000 U	5.0000 U	µg/L

WET CHEMISTRY

TOC	6,380.0000	6,120.0000	µg/L	4.2
TDS	1,530,000.0000	1,520,000.0000	µg/L	0.7
TSS	8,000.0000	2,350,000.0000	µg/L	198.6

3J-S001 GD01

FIELD VOLATILES

Benzene	7.8000	7.6000	µg/L	2.6
Chlorobenzene	1.0000 <	1.0000 <	µg/L	
1,2-Dichloroethene (total)	1.0000 <	1.0000 <	µg/L	
1,1-Dichloroethene	1.0000 <	1.0000 <	µg/L	
Ethylbenzene	1.0000 <	1.0000 <	µg/L	
Tetrachloroethene	1.0000 <	1.0000 <	µg/L	
Toluene	1.0000 <	1.0000 <	µg/L	
1,1,1-Trichloroethane	1.0000 <	1.0000 <	µg/L	
Trichloroethene	1.0000 <	1.0000 <	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

#1 Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Vinyl Chloride	1.0000 <	1.0000 <	µg/L
Xylene (total)	1.0000 <	1.0000 <	µg/L

3J-S001 GD01

FIELD MISCELLANEOUS

Total Recoverable Petroleum	1.0000 <	1.0000 <	ppm
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3J-S500 EL01

TAL TOTAL INORGANICS

Aluminum	19,100.0000	18,200.0000	mg/kg	4.8
Antimony	4.3000 UR	4.4000 UR	mg/kg	
Arsenic	5.2000	6.3000	mg/kg	19.1
Barium	96.2000	90.0000	mg/kg	6.7
Beryllium	1.1000 J	1.2000 J	mg/kg	8.7
Cadmium	0.2500 U	0.2500 U	mg/kg	
Calcium	10,600.0000	10,300.0000	mg/kg	2.9
Chromium	55.5000	48.4000	mg/kg	13.7
Cobalt	19.3000	20.0000	mg/kg	3.6
Copper	37.7000 J	29.0000 J	mg/kg	26.1
Iron	45,200.0000	46,700.0000	mg/kg	3.3
Lead	37.8000	34.8000	mg/kg	8.3
Magnesium	4,280.0000	4,390.0000	mg/kg	2.5
Manganese	362.0000	462.0000	mg/kg	24.3
Mercury	0.0800 U	0.0800 U	mg/kg	
Nickel	34.0000	37.7000	mg/kg	10.3
Potassium	3,440.0000	3,390.0000	mg/kg	1.5
Selenium	0.7800 U	0.8000 U	mg/kg	
Silver	1.2000	1.8000	mg/kg	40.0
Sodium	135.0000 J	147.0000 J	mg/kg	8.5
Thallium	0.5300 U	0.5400 U	mg/kg	
Vanadium	52.2000	51.5000	mg/kg	1.4
Zinc	86.9000 J	90.6000 J	mg/kg	4.2

TCL VOLATILES

Acetone	0.0390 U	0.0260 U	mg/kg
Benzene	0.0180 U	0.0160 U	mg/kg
Bromodichloromethane	0.0180 U	0.0160 U	mg/kg
Bromoform	0.0180 U	0.0160 U	mg/kg
Bromomethane	0.0180 U	0.0160 U	mg/kg
2-Butanone	0.0180 U	0.0160 U	mg/kg
Carbon Disulfide	0.0180 U	0.0160 U	mg/kg
Carbon Tetrachloride	0.0180 U	0.0160 U	mg/kg
Chlorobenzene	0.0180 U	0.0160 U	mg/kg
Chloroethane	0.0180 U	0.0160 U	mg/kg
Chloroform	0.0180 U	0.0160 U	mg/kg
Chloromethane	0.0180 U	0.0160 U	mg/kg
Dibromochloromethane	0.0180 U	0.0160 U	mg/kg
1,1-Dichloroethane	0.0180 U	0.0160 U	mg/kg
1,2-Dichloroethane	0.0180 U	0.0160 U	mg/kg
1,2-Dichloroethene (total)	0.0180 U	0.0160 U	mg/kg
1,1-Dichloroethene	0.0180 U	0.0160 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025068

025068

Remedial Investigation Comparison of Results for Duplicate Samples

025069

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
1,2-Dichloropropane	0.0180 U	0.0160 U	mg/kg
cis-1,3-Dichloropropene	0.0180 U	0.0160 U	mg/kg
trans-1,3-Dichloropropene	0.0180 U	0.0160 U	mg/kg
Ethylbenzene	0.0180 U	0.0160 U	mg/kg
2-Hexanone	0.0180 U	0.0160 U	mg/kg
4-Methyl-2-Pentanone	0.0180 U	0.0160 U	mg/kg
Methylene Chloride	0.0180 U	0.0160 U	mg/kg
Styrene	0.0180 U	0.0160 U	mg/kg
1,1,2,2-Tetrachloroethane	0.0180 U	0.0160 U	mg/kg
Tetrachloroethene	0.0180 U	0.0160 U	mg/kg
Toluene	0.0180 U	0.0160 U	mg/kg
1,1,1-Trichloroethane	0.0180 U	0.0160 U	mg/kg
1,1,2-Trichloroethane	0.0180 U	0.0160 U	mg/kg
Trichloroethene	0.0180 U	0.0160 U	mg/kg
Vinyl Chloride	0.0180 U	0.0160 U	mg/kg
Xylene (total)	0.0180 U	0.0160 U	mg/kg

3J-S500 EL01

TCL SEMI-VOLATILES

Acenaphthene	0.5700 U	0.5300 U	mg/kg
Acenaphthylene	0.5700 U	0.5300 U	mg/kg
Anthracene	0.5700 U	0.5300 U	mg/kg
Benzo (a) anthracene	0.5700 U	0.5300 U	mg/kg
Benzo (a) pyrene	0.5700 U	0.5300 U	mg/kg
Benzo (b) fluoranthene	0.5700 U	0.5300 U	mg/kg
Benzo (g, h, i) perylene	0.5700 U	0.5300 U	mg/kg
Benzo (k) fluoranthene	0.5700 U	0.5300 U	mg/kg
bis (2-Chloroethoxy) Methane	0.5700 U	0.5300 U	mg/kg
bis (2-Chloroethyl) Ether	0.5700 U	0.5300 U	mg/kg
bis (2-Ethylhexyl) phthalate	0.5700 U	0.5300 U	mg/kg
4-Bromophenyl-phenylether	0.5700 U	0.5300 U	mg/kg
Butylbenzylphthalate	0.5700 U	0.5300 U	mg/kg
Carbazole	0.5700 U	0.5300 U	mg/kg
4-Chloro-3-Methylphenol	0.5700 U	0.5300 U	mg/kg
4-Chloroaniline	0.5700 U	0.5300 U	mg/kg
2-Chloronaphthalene	0.5700 U	0.5300 U	mg/kg
2-Chlorophenol	0.5700 U	0.5300 U	mg/kg
4-Chlorophenyl-phenylether	0.5700 U	0.5300 U	mg/kg
Chrysene	0.5700 U	0.5300 U	mg/kg
Di-n-butylphthalate	0.5700 U	0.5300 U	mg/kg
Di-n-octylphthalate	0.5700 U	0.5300 U	mg/kg
Dibenz (a, h) anthracene	0.5700 U	0.5300 U	mg/kg
Dibenzofuran	0.5700 U	0.5300 U	mg/kg
1,2-Dichlorobenzene	0.5700 U	0.5300 U	mg/kg
1,3-Dichlorobenzene	0.5700 U	0.5300 U	mg/kg
1,4-Dichlorobenzene	0.5700 U	0.5300 U	mg/kg
3,3'-Dichlorobenzidine	0.5700 U	0.5300 U	mg/kg
2,4-Dichlorophenol	0.5700 U	0.5300 U	mg/kg
Diethylphthalate	0.5700 U	0.5300 U	mg/kg
2,4-Dimethylphenol	0.5700 U	0.5300 U	mg/kg
Dimethylphthalate	0.5700 U	0.5300 U	mg/kg
4,6-Dinitro-2-Methylphenol	1.4000 U	1.3000 U	mg/kg
2,4-Dinitrophenol	1.4000 U	1.3000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025069

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
2,4-Dinitrotoluene	0.5700 U	0.5300 U	mg/kg
2,6-Dinitrotoluene	0.5700 U	0.5300 U	mg/kg
Fluoranthene	0.5700 U	0.5300 U	mg/kg
Fluorene	0.5700 U	0.5300 U	mg/kg
Hexachlorobenzene	0.5700 U	0.5300 U	mg/kg
Hexachlorobutadiene	0.5700 U	0.5300 U	mg/kg
Hexachlorocyclopentadiene	0.5700 U	0.5300 U	mg/kg
Hexachloroethane	0.5700 U	0.5300 U	mg/kg
Irideno (1,2,3-cd) pyrene	0.5700 U	0.5300 U	mg/kg
Isophorone	0.5700 U	0.5300 U	mg/kg
2-Methylnaphthalene	0.5700 U	0.5300 U	mg/kg
2-Methylphenol	0.5700 U	0.5300 U	mg/kg
4-Methylphenol	0.5700 U	0.5300 U	mg/kg
Naphthalene	0.5700 U	0.5300 U	mg/kg
2-Nitroaniline	1.4000 U	1.3000 U	mg/kg
3-Nitroaniline	1.4000 U	1.3000 U	mg/kg
4-Nitroaniline	1.4000 U	1.3000 U	mg/kg
Nitrobenzene	0.5700 U	0.5300 U	mg/kg
2-Nitrophenol	0.5700 U	0.5300 U	mg/kg
4-Nitrophenol	1.4000 U	1.3000 U	mg/kg
N-Nitroso-di-n-propylamine	0.5700 U	0.5300 U	mg/kg
N-Nitrosodiphenylamine (1)	0.5700 U	0.5300 U	mg/kg
2,2'-Oxybis (1-Chloropropane)	0.5700 U	0.5300 U	mg/kg
Pentachlorophenol	1.4000 U	1.3000 U	mg/kg
Phenanthrene	0.5700 U	0.5300 U	mg/kg
Phenol	0.5700 U	0.5300 U	mg/kg
Pyrene	0.5700 U	0.5300 U	mg/kg
1,2,4-Trichlorobenzene	0.5700 U	0.5300 U	mg/kg
2,4,5-Trichlorophenol	1.4000 U	1.3000 U	mg/kg
2,4,6-Trichlorophenol	0.5700 U	0.5300 U	mg/kg

3J-S500 EL01

TCL PESTICIDES

Aldrin	0.0030 U	0.0027 U	mg/kg
Aroclor-1016	0.0580 U	0.0530 U	mg/kg
Aroclor-1221	0.1200 U	0.1100 U	mg/kg
Aroclor-1232	0.0580 U	0.0530 U	mg/kg
Aroclor-1242	0.0580 U	0.0530 U	mg/kg
Aroclor-1248	0.0580 U	0.0530 U	mg/kg
Aroclor-1254	0.0580 U	0.0530 U	mg/kg
Aroclor-1260	0.0580 U	0.0530 U	mg/kg
gamma-BHC (Lindane)	0.0030 U	0.0027 U	mg/kg
alpha-BHC	0.0030 U	0.0027 U	mg/kg
beta-BHC	0.0030 U	0.0027 U	mg/kg
delta-BHC	0.0030 U	0.0027 U	mg/kg
alpha-Chlordane	0.0030 U	0.0027 U	mg/kg
gamma-Chlordane	0.0030 U	0.0027 U	mg/kg
4,4'-DDD	0.0058 U	0.0053 U	mg/kg
4,4'-DDE	0.0058 U	0.0053 U	mg/kg
4,4'-DDT	0.0058 U	0.0053 U	mg/kg
Dieldrin	0.0058 U	0.0053 U	mg/kg
Endosulfan I	0.0030 U	0.0027 U	mg/kg
Endosulfan II	0.0058 U	0.0053 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025070

025070

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Endosulfan sulfate	0.0058 U	0.0053 U	mg/kg
Endrin	0.0058 U	0.0053 U	mg/kg
Endrin aldehyde	0.0058 U	0.0053 U	mg/kg
Endrin ketone	0.0058 U	0.0053 U	mg/kg
Heptachlor	0.0030 U	0.0027 U	mg/kg
Heptachlor epoxide	0.0030 U	0.0027 U	mg/kg
Methoxychlor	0.0300 U	0.0270 U	mg/kg
Toxaphene	0.3000 U	0.2700 U	mg/kg

4A-S030 UL01

TAL TOTAL INORGANICS

Aluminum	6,790.0000	4,050.0000	mg/kg	50.6
Antimony	0.7100 UJv	0.7000 UJv	mg/kg	
Arsenic	7.9000	5.8000	mg/kg	30.7
Barium	56.0000	43.7000	mg/kg	24.7
Beryllium	0.8500	0.6400	mg/kg	28.2
Cadmium	0.2400 U	0.2300 U	mg/kg	
Calcium	39,400.0000	47,600.0000	mg/kg	18.9
Chromium	12.3000	9.0000	mg/kg	31.0
Cobalt	8.2000	7.4000	mg/kg	10.3
Copper	12.7000	10.3000	mg/kg	20.9
Iron	16,800.0000	13,300.0000	mg/kg	23.3
Lead	8.2000	7.0000	mg/kg	15.8
Magnesium	1,660.0000	1,180.0000	mg/kg	33.8
Manganese	230.0000 Jv	196.0000 Jv	mg/kg	16.0
Mercury	0.1200 U	0.1200 U	mg/kg	
Nickel	17.7000	14.9000	mg/kg	17.2
Potassium	1,950.0000	1,890.0000	mg/kg	3.1
Selenium	0.7900	0.7000 U	mg/kg	12.1
Silver	0.2400 U	0.2300 U	mg/kg	
Sodium	511.0000	458.0000	mg/kg	10.9
Thallium	0.9500 U	0.9300 U	mg/kg	
Vanadium	25.8000	19.2000	mg/kg	29.3
Zinc	38.4000	30.3000	mg/kg	23.6

TCL VOLATILES

Acetone	0.0120 U	0.0120 U	mg/kg	
Benzene	0.0120 U	0.0120 U	mg/kg	
Bromodichloromethane	0.0120 U	0.0120 U	mg/kg	
Bromoform	0.0120 U	0.0120 U	mg/kg	
Bromomethane	0.0120 U	0.0120 U	mg/kg	
2-Butanone	0.0120 U	0.0120 U	mg/kg	
Carbon Disulfide	0.0120 U	0.0120 U	mg/kg	
Carbon Tetrachloride	0.0120 U	0.0120 U	mg/kg	
Chlorobenzene	0.0030 U	0.0020 U	mg/kg	40.0
Chloroethane	0.0120 U	0.0120 U	mg/kg	
Chloroform	0.0120 U	0.0120 U	mg/kg	
Chloromethane	0.0120 U	0.0120 U	mg/kg	
Dibromochloromethane	0.0120 U	0.0120 U	mg/kg	
1,1-Dichloroethane	0.0120 U	0.0120 U	mg/kg	
1,2-Dichloroethane	0.0120 U	0.0120 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. Units & Qualifier*
1,2-Dichloroethene (total)	0.0120 U	0.0120 U mg/kg
1,1-Dichloroethene	0.0120 U	0.0120 U mg/kg
1,2-Dichloropropane	0.0120 U	0.0120 U mg/kg
cis-1,3-Dichloropropene	0.0120 U	0.0120 U mg/kg
trans-1,3-Dichloropropene	0.0120 U	0.0120 U mg/kg
Ethylbenzene	0.0120 U	0.0120 U mg/kg
2-Hexanone	0.0120 U	0.0120 U mg/kg
4-Methyl-2-Pentanone	0.0120 U	0.0120 U mg/kg
Methylene Chloride	0.0240 UJ	0.0400 UJ mg/kg
Styrene	0.0120 U	0.0120 U mg/kg
1,1,2,2-Tetrachloroethane	0.0120 U	0.0120 U mg/kg
Tetrachloroethene	0.0120 U	0.0120 U mg/kg
Toluene	0.0120 U	0.0120 U mg/kg
1,1,1-Trichloroethane	0.0120 U	0.0120 U mg/kg
1,1,2-Trichloroethane	0.0120 U	0.0120 U mg/kg
Trichloroethene	0.0120 U	0.0120 U mg/kg
Vinyl Chloride	0.0120 U	0.0120 U mg/kg
Xylene (total)	0.0120 U	0.0120 U mg/kg

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TCL SEMI-VOLATILES

Acenaphthene	0.7700 U	0.3800 U mg/kg
Acenaphthylene	0.7700 U	0.3800 U mg/kg
Anthracene	0.7700 U	0.3800 U mg/kg
Benzo(a)anthracene	0.7700 U	0.3800 U mg/kg
Benzo(a)pyrene	0.7700 U	0.3800 U mg/kg
Benzo(b)fluoranthene	0.7700 U	0.3800 U mg/kg
Benzo(g,h,i)perylene	0.7700 U	0.3800 U mg/kg
Benzo(k)fluoranthene	0.7700 U	0.3800 U mg/kg
bis(2-Chloroethoxy)Methane	0.7700 U	0.3800 U mg/kg
bis(2-Chloroethyl)Ether	0.7700 U	0.3800 U mg/kg
bis(2-Ethylhexyl)phthalate	0.7700 U	0.3800 U mg/kg
4-Bromophenyl-phenylether	0.7700 U	0.3800 U mg/kg
Butylbenzylphthalate	0.7700 U	0.3800 U mg/kg
Carbazole	0.7700 U	0.3800 U mg/kg
4-Chloro-3-Methylphenol	0.7700 U	0.3800 U mg/kg
4-Chloroaniline	0.7700 U	0.3800 U mg/kg
2-Chloronaphthalene	0.7700 U	0.3800 U mg/kg
2-Chlorophenol	0.7700 U	0.3800 U mg/kg
4-Chlorophenyl-phenylether	0.7700 U	0.3800 U mg/kg
Chrysene	0.7700 U	0.3800 U mg/kg
Di-n-butylphthalate	0.7700 U	0.3800 U mg/kg
Di-n-octylphthalate	0.7700 U	0.3800 U mg/kg
Dibenz(a,h)anthracene	0.7700 U	0.3800 U mg/kg
Dibenzofuran	0.7700 U	0.3800 U mg/kg
1,2-Dichlorobenzene	0.7700 U	0.3800 U mg/kg
1,3-Dichlorobenzene	0.7700 U	0.3800 U mg/kg
1,4-Dichlorobenzene	0.7700 U	0.3800 U mg/kg
3,3'-Dichlorobenzidine	0.7700 U	0.3800 U mg/kg
2,4-Dichlorophenol	0.7700 U	0.3800 U mg/kg
Diethylphthalate	0.7700 U	0.3800 U mg/kg
2,4-Dimethylphenol	0.7700 U	0.3800 U mg/kg
Dimethylphthalate	0.7700 U	0.3800 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025072

025072

Remedial Investigation Comparison of Results for Duplicate Samples

025073

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
4,6-Dinitro-2-Methylphenol	1.9000 U	0.9600 U	mg/kg
2,4-Dinitrophenol	1.9000 U	0.9600 U	mg/kg
2,4-Dinitrotoluene	0.7700 U	0.3800 U	mg/kg
2,6-Dinitrotoluene	0.7700 U	0.3800 U	mg/kg
Fluoranthene	0.7700 U	0.3800 U	mg/kg
Fluorene	0.7700 U	0.3800 U	mg/kg
Hexachlorobenzene	0.7700 U	0.3800 U	mg/kg
Hexachlorobutadiene	0.7700 U	0.3800 U	mg/kg
Hexachlorocyclopentadiene	0.7700 U	0.3800 U	mg/kg
Hexachloroethane	0.7700 U	0.3800 U	mg/kg
Indeno (1,2,3-cd) pyrene	0.7700 U	0.3800 U	mg/kg
Isophorone	0.7700 U	0.3800 U	mg/kg
2-Methylnaphthalene	0.1900 J	0.3800 U	mg/kg
2-Methylphenol	0.7700 U	0.3800 U	mg/kg
4-Methylphenol	0.7700 U	0.3800 U	mg/kg
Naphthalene	0.7700 U	0.3800 U	mg/kg
2-Nitroaniline	1.9000 U	0.9600 U	mg/kg
3-Nitroaniline	1.9000 U	0.9600 U	mg/kg
4-Nitroaniline	1.9000 U	0.9600 U	mg/kg
Nitrobenzene	0.7700 U	0.3800 U	mg/kg
2-Nitrophenol	0.7700 U	0.3800 U	mg/kg
4-Nitrophenol	1.9000 U	0.9600 U	mg/kg
N-Nitroso-di-n-propylamine	0.7700 U	0.3800 U	mg/kg
N-Nitrosodiphenylamine (1)	0.7700 U	0.3800 U	mg/kg
2,2'-Oxybis (1-Chloropropane)	0.7700 U	0.3800 U	mg/kg
Pentachlorophenol	1.9000 U	0.9600 U	mg/kg
Phenanthrene	0.1200 J	0.3800 U	mg/kg
Phenol	0.7700 U	0.3800 U	mg/kg
Pyrene	0.7700 U	0.3800 U	mg/kg
1,2,4-Trichlorobenzene	0.7700 U	0.3800 U	mg/kg
2,4,5-Trichlorophenol	1.9000 U	0.9600 U	mg/kg
2,4,6-Trichlorophenol	0.7700 U	0.3800 U	mg/kg

4A-S030 UL01

TCL PESTICIDES

Aldrin	0.0001 J	0.0020 U	mg/kg
Aroclor-1016	0.0380 U	0.0380 U	mg/kg
Aroclor-1221	0.0780 U	0.0770 U	mg/kg
Aroclor-1232	0.0380 U	0.0380 U	mg/kg
Aroclor-1242	0.0380 U	0.0380 U	mg/kg
Aroclor-1248	0.0380 U	0.0380 U	mg/kg
Aroclor-1254	0.0380 U	0.0380 U	mg/kg
Aroclor-1260	0.0380 U	0.0380 U	mg/kg
gamma-BHC (Lindane)	0.0020 U	0.0020 U	mg/kg
alpha-BHC	0.0001 J	0.0020 U	mg/kg
beta-BHC	0.0020 U	0.0020 U	mg/kg
delta-BHC	0.0020 U	0.0020 U	mg/kg
alpha-Chlordane	0.0020 U	0.0020 U	mg/kg
gamma-Chlordane	0.0001 J	0.0020 U	mg/kg
4,4'-DDD	0.0002 J	0.0038 U	mg/kg
4,4'-DDE	0.0038 U	0.0038 U	mg/kg
4,4'-DDT	0.0038 U	0.0038 U	mg/kg
Dieldrin	0.0002 J	0.0038 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** RPd = Relative Percent difference

025073

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Endosulfan I	0.0020 U	0.0020 U	mg/kg
Endosulfan II	0.0038 U	0.0038 U	mg/kg
Endosulfan sulfate	0.0038 U	0.0038 U	mg/kg
Endrin	0.0038 U	0.0038 U	mg/kg
Endrin aldehyde	0.0002 J	0.0038 U	mg/kg
Endrin ketone	0.0038 U	0.0038 U	mg/kg
Heptachlor	0.0001 J	0.0020 U	mg/kg
Heptachlor epoxide	0.0020 U	0.0020 U	mg/kg
Methoxychlor	0.0200 U	0.0200 U	mg/kg
Toxaphene	0.2000 U	0.2000 U	mg/kg

4A-S040 SL01

TAL TOTAL INORGANICS

Aluminum	25,900.0000	34,400.0000	mg/kg	28.2
Antimony	1.3000 U	1.3000 U	mg/kg	
Arsenic	6.5000 UC	9.2000 UC	mg/kg	
Barium	143.0000	146.0000	mg/kg	2.1
Beryllium	2.0000	2.1000	mg/kg	4.9
Cadmium	0.5200 U	0.5200 U	mg/kg	
Calcium	19,800.0000	20,500.0000	mg/kg	3.5
Chromium	30.5000	40.3000	mg/kg	27.7
Cobalt	8.5000	8.3000	mg/kg	2.4
Copper	41.2000 UCJ	33.5000 UCJ	mg/kg	
Iron	30,500.0000	33,100.0000	mg/kg	8.2
Lead	58.9000	49.7000	mg/kg	16.9
Magnesium	4,280.0000	5,330.0000	mg/kg	21.9
Manganese	500.0000	448.0000	mg/kg	11.0
Mercury	0.1300 U	0.1300 U	mg/kg	
Nickel	29.7000	31.2000	mg/kg	4.9
Potassium	5,200.0000	6,400.0000	mg/kg	20.7
Selenium	1.3000 U	1.3000 U	mg/kg	
Silver	0.7800 U	0.7800 U	mg/kg	
Sodium	194.0000 UC	235.0000 UC	mg/kg	
Thallium	1.8000 U	1.8000 U	mg/kg	
Vanadium	46.7000	62.7000	mg/kg	29.3
Zinc	89.2000 J	95.7000 J	mg/kg	7.0

4A-S077 SL01

TAL TOTAL INORGANICS

Aluminum	13,700.0000	14,200.0000	mg/kg	3.6
Antimony	1.0000 UJV	0.9800 UJV	mg/kg	
Arsenic	8.1000	8.8000	mg/kg	8.3
Barium	104.0000	108.0000	mg/kg	3.8
Beryllium	1.2000	1.3000	mg/kg	8.0
Cadmium	0.3300	0.3400	mg/kg	3.0
Calcium	32,200.0000	35,200.0000	mg/kg	8.9
Chromium	21.5000 J	22.3000 J	mg/kg	3.7
Cobalt	9.4000	10.1000	mg/kg	7.2
Copper	18.0000	20.0000	mg/kg	10.5
Iron	21,500.0000	23,400.0000	mg/kg	8.5
Lead	39.3000	41.1000	mg/kg	4.5

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	R
Magnesium	2,880.0000	3,000.0000	mg/kg	
Manganese	478.0000	495.0000	mg/kg	
Mercury	0.1300 U	0.1200 U	mg/kg	
Nickel	23.2000	25.9000	mg/kg	11.0
Potassium	3,290.0000	3,440.0000	mg/kg	4.5
Selenium	0.7500 U	0.7300 U	mg/kg	
Silver	0.5000 U	0.4900 U	mg/kg	
Sodium	80.1000	97.4000	mg/kg	19.5
Thallium	1.1000	1.4000	mg/kg	24.0
Vanadium	38.2000	40.7000	mg/kg	6.3
Zinc	65.0000	67.0000	mg/kg	3.0

4B-S003 UL01

TCDF INORGANICS

Arsenic	0.0053 B	0.0127 B	mg/L	82.2
Barium	1.8300	1.9000	mg/L	3.8
Cadmium	0.0544	0.0318	mg/L	52.4
Chromium	0.0022 U	0.0029 B	mg/L	27.5
Lead	4.5200	7.2100	mg/L	45.9
Mercury	0.0002 UCV	0.0002 UCV	mg/L	
Selenium	0.0048 B*	0.0060 B*	mg/L	22.2
Silver	0.0006 UN	0.0006 UN	mg/L	

TCDF VOLATILES

Benzene	0.0500 U	0.0500 U	mg/L	
2-Butanone	0.1000 U	0.1000 U	mg/L	
Carbon Tetrachloride	0.0500 U	0.0500 U	mg/L	
Chlorobenzene	0.0500 U	0.0500 U	mg/L	
Chloroform	0.0250 U	0.0250 U	mg/L	
1,2-Dichloroethane	0.0250 U	0.0250 U	mg/L	
1,1-Dichloroethene	0.0250 U	0.0250 U	mg/L	
Tetrachloroethene	0.0500 U	0.0500 U	mg/L	
Trichloroethene	0.0250 U	0.0250 U	mg/L	
Vinyl Chloride	0.0500 U	0.0500 U	mg/L	

TCDF SEMI-VOLATILES

1,4-Dichlorobenzene	0.0500 U	0.0500 U	mg/L	
2,4-Dinitrotoluene	0.0500 U	0.0500 U	mg/L	
Hexachlorobenzene	0.0750 U	0.0750 U	mg/L	
Hexachlorobutadiene	0.0250 U	0.0250 U	mg/L	
Hexachloroethane	0.0500 U	0.0500 U	mg/L	
2-Methylphenol	0.1000 U	0.1000 U	mg/L	
3-Methylphenol	0.1800 U	0.1800 U	mg/L	
4-Methylphenol	0.1800 U	0.1800 U	mg/L	
Nitrobenzene	0.0500 U	0.0500 U	mg/L	
Pentachlorophenol	0.2800 U	0.2800 U	mg/L	
Pyridine	0.1000 U	0.1000 U	mg/L	
2,4,5-Trichlorophenol	0.1200 U	0.1200 U	mg/L	
2,4,6-Trichlorophenol	0.1200 U	0.1200 U	mg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
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4B-S003 UL01

TCLP PESTICIDES

gamma-BHC (Lindane)	0.2000 U	0.2000 U	mg/L
Chlordane	0.0150 U	0.0150 U	mg/L
2,4-Dichlorophenoxyacetic ac	5.0000 U	5.0000 U	mg/L
Endrin	0.0100 U	0.0100 U	mg/L
Heptachlor	0.0040 U	0.0040 U	mg/L
Heptachlor epoxide	0.0040 U	0.0040 U	mg/L
Methoxychlor	5.0000 U	5.0000 U	mg/L
2,4,5-TP (Silvex)	0.5000 U	0.5000 U	mg/L
Toxaphene	0.2500 U	0.2500 U	mg/L

4C-S020 SL02

TAL TOTAL INORGANICS

Aluminum	9,200.0000	9,660.0000	mg/kg	4.9
Antimony	3.8000 Jv	4.6000 Jv	mg/kg	19.1
Arsenic	10.2000	8.5000	mg/kg	18.2
Barium	135.0000	124.0000	mg/kg	8.5
Beryllium	0.7100	0.5400	mg/kg	27.2
Cadmium	0.2500 UC	0.6900 UC	mg/kg	
Calcium	32,700.0000 J	36,600.0000 J	mg/kg	11.3
Chromium	25.0000	23.3000	mg/kg	7.0
Cobalt	7.7000	7.2000	mg/kg	6.7
Copper	55.6000	46.6000	mg/kg	17.6
Iron	48,000.0000 J	24,800.0000 J	mg/kg	63.7
Lead	280.0000	218.0000	mg/kg	24.9
Magnesium	2,010.0000	1,900.0000	mg/kg	5.6
Manganese	502.0000 Jv	344.0000 Jv	mg/kg	37.4
Mercury	0.1300	0.1500	mg/kg	14.3
Nickel	20.1000	18.8000	mg/kg	6.7
Potassium	2,450.0000	2,520.0000	mg/kg	2.8
Selenium	0.6000 U	0.6600 U	mg/kg	
Silver	1.7000	0.7700 U	mg/kg	75.3
Sodium	72.6000 UC	99.7000 UC	mg/kg	
Thallium	0.4100 U	0.4500 U	mg/kg	
Vanadium	26.1000	25.3000	mg/kg	3.1
Zinc	236.0000	227.0000	mg/kg	3.9

4C-S074 SL01

TAL TOTAL INORGANICS

Aluminum	5,810.0000	5,960.0000	mg/kg	2.6
Antimony	13.6000	5.9000	mg/kg	79.0
Arsenic	252.0000 J	34.5000 J	mg/kg	151.8
Barium	298.0000	267.0000	mg/kg	11.0
Beryllium	1.2000 UC	1.2000 UC	mg/kg	
Cadmium	1.6000	0.7300	mg/kg	74.7
Calcium	32,800.0000	31,000.0000	mg/kg	5.6
Chromium	18.2000	22.0000	mg/kg	18.9
Cobalt	8.3000	6.2000 Jv	mg/kg	29.0
Copper	194.0000	128.0000	mg/kg	41.0
Iron	19,500.0000	20,100.0000	mg/kg	3.0

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference.

025076

025076

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	R
Lead	843.0000 -	718.0000 -	mg/kg	16
Magnesium	1,640.0000 -	1,740.0000 -	mg/kg	5
Manganese	553.0000 -	439.0000 -	mg/kg	23
Mercury	0.3200 -	0.2500 -	mg/kg	24
Nickel	57.2000 -	21.9000 -	mg/kg	89.3
Potassium	2,360.0000 -	2,500.0000 -	mg/kg	5.8
Selenium	1.1000 U	1.1000 U	mg/kg	
Silver	0.8100 U	0.8400 U	mg/kg	
Sodium	709.0000 J	756.0000 J	mg/kg	6.4
Thallium	2.4000 U	2.5000 U	mg/kg	
Vanadium	23.2000 -	23.0000 -	mg/kg	0.9
Zinc	414.0000 -	380.0000 -	mg/kg	8.6

4C-S077 EL01

TAL TOTAL INORGANICS

Aluminum	12,900.0000	12,200.0000	mg/kg	5.6
Antimony	9.2000 Jv	9.0000 Jv	mg/kg	2.2
Arsenic	14.0000 -	17.0000 -	mg/kg	19.4
Barium	308.0000 -	164.0000 -	mg/kg	61.0
Beryllium	0.2900 UC	0.6000 UC	mg/kg	
Cadmium	2.2000 J	1.3000 UC	mg/kg	51.4
Calcium	39,400.0000 -	31,000.0000 -	mg/kg	23.9
Chromium	170.0000 Jv	29.4000 Jv	mg/kg	141.0
Cobalt	8.5000 -	8.0000 -	mg/kg	6.1
Copper	59.3000 J	48.9000 J	mg/kg	19.2
Iron	22,400.0000 -	19,900.0000 -	mg/kg	11.8
Lead	586.0000 Jv	466.0000 Jv	mg/kg	22.8
Magnesium	2,980.0000 -	3,800.0000 -	mg/kg	24.2
Manganese	448.0000 J	1,430.0000 J	mg/kg	104.6
Mercury	0.1100 J	0.8500 J	mg/kg	154.2
Nickel	27.2000 -	21.1000 -	mg/kg	25.3
Potassium	3,570.0000 -	2,640.0000 -	mg/kg	30.0
Selenium	1.0000 U	0.7100 U	mg/kg	
Silver	1.2000 U	0.8300 U	mg/kg	
Sodium	128.0000 UC	261.0000 -	mg/kg	68.4
Thallium	0.6800 U	0.4800 U	mg/kg	
Vanadium	40.3000 -	32.1000 -	mg/kg	22.7
Zinc	273.0000 J	233.0000 J	mg/kg	15.8

TCL VOLATILES

Acetone	0.0160 U	0.0190 U	mg/kg	
Benzene	0.0160 U	0.0160 U	mg/kg	
Bromodichloromethane	0.0160 U	0.0160 U	mg/kg	
Bromoform	0.0160 U	0.0160 U	mg/kg	
Bromomethane	0.0160 U	0.0160 U	mg/kg	
2-Butanone	0.0160 U	0.0160 U	mg/kg	
Carbon Disulfide	0.0160 U	0.0160 U	mg/kg	
Carbon Tetrachloride	0.0160 U	0.0160 U	mg/kg	
Chlorobenzene	0.0160 U	0.0160 U	mg/kg	
Chloroethane	0.0160 U	0.0160 U	mg/kg	
Chloroform	0.0160 U	0.0160 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

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025077

025077

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	R
Chloromethane	0.0160 U	0.0160 U	mg/kg	
Dibromochloromethane	0.0160 U	0.0160 U	mg/kg	
1,1-Dichloroethane	0.0160 U	0.0160 U	mg/kg	
1,2-Dichloroethane	0.0160 U	0.0160 U	mg/kg	
1,2-Dichloroethene (total)	0.0160 U	0.0160 U	mg/kg	
1,1-Dichloroethene	0.0160 U	0.0160 U	mg/kg	
1,2-Dichloropropane	0.0160 U	0.0160 U	mg/kg	
cis-1,3-Dichloropropene	0.0160 U	0.0160 U	mg/kg	
trans-1,3-Dichloropropene	0.0160 U	0.0160 U	mg/kg	
Ethylbenzene	0.0160 U	0.0160 U	mg/kg	
2-Hexanone	0.0160 U	0.0160 U	mg/kg	
4-Methyl-2-Pentanone	0.0160 U	0.0160 U	mg/kg	
Methylene Chloride	0.0160 U	0.0160 U	mg/kg	
Styrene	0.0160 U	0.0160 U	mg/kg	
1,1,2,2-Tetrachloroethane	0.0160 U	0.0160 U	mg/kg	
Tetrachloroethene	0.0160 U	0.0160 U	mg/kg	
Toluene	0.0160 U	0.0160 U	mg/kg	
1,1,1-Trichloroethane	0.0160 U	0.0160 U	mg/kg	
1,1,2-Trichloroethane	0.0160 U	0.0160 U	mg/kg	
Trichloroethene	0.0050 J	0.0160 U	mg/kg	
Vinyl Chloride	0.0160 U	0.0160 U	mg/kg	
Xylene (total)	0.0160 U	0.0160 U	mg/kg	

4C-S077 EL01

TCL SEMI-VOLATILES

Acenaphthene	0.5300 U	0.5300 U	mg/kg	
Acenaphthylene	0.5300 U	0.5300 U	mg/kg	
Anthracene	0.5300 U	0.5300 U	mg/kg	
Benzo(a)anthracene	0.5300 U	0.5300 U	mg/kg	
Benzo(a)pyrene	0.5300 U	0.5300 U	mg/kg	
Benzo(b)fluoranthene	0.1400 J	0.1600 J	mg/kg	13.3
Benzo(g,h,i)perylene	0.5300 U	0.5300 U	mg/kg	
Benzo(k)fluoranthene	0.5300 U	0.5300 U	mg/kg	
bis(2-Chloroethoxy)Methane	0.5300 U	0.5300 U	mg/kg	
bis(2-Chloroethyl) Ether	0.5300 U	0.5300 U	mg/kg	
bis(2-Ethylhexyl) phthalate	0.4100 J	0.2900 J	mg/kg	34.3
4-Bromophenyl-phenylether	0.5300 U	0.5300 U	mg/kg	
Butylbenzylphthalate	0.5300 U	0.5300 U	mg/kg	
Carbazole	0.5300 U	0.5300 U	mg/kg	
4-Chloro-3-Methylphenol	0.5300 U	0.5300 U	mg/kg	
4-Chloroaniline	0.5300 U	0.5300 U	mg/kg	
2-Chloronaphthalene	0.5300 U	0.5300 U	mg/kg	
2-Chlorophenol	0.5300 U	0.5300 U	mg/kg	
4-Chlorophenyl-phenylether	0.5300 U	0.5300 U	mg/kg	
Chrysene	0.5300 U	0.5300 U	mg/kg	
Di-n-butylphthalate	0.5300 U	0.5300 U	mg/kg	
Di-n-octylphthalate	0.5300 U	0.5300 U	mg/kg	
Dibenz(a,h)anthracene	0.5300 U	0.5300 U	mg/kg	
Dibenzofuran	0.5300 U	0.5300 U	mg/kg	
1,2-Dichlorobenzene	0.5300 U	0.5300 U	mg/kg	
1,3-Dichlorobenzene	0.5300 U	0.5300 U	mg/kg	
1,4-Dichlorobenzene	0.5300 U	0.5300 U	mg/kg	
3,3'-Dichlorobenzidine	0.5300 U	0.5300 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
2,4-Dichlorophenol	0.5300 U	0.5300 U	mg/kg	8.7
Diethylphthalate	0.5300 U	0.5300 U	mg/kg	
2,4-Dimethylphenol	0.5300 U	0.5300 U	mg/kg	
Dimethylphthalate	0.5300 U	0.5300 U	mg/kg	
4,6-Dinitro-2-Methylphenol	1.3000 U	1.3000 U	mg/kg	
2,4-Dinitrophenol	1.3000 U	1.3000 U	mg/kg	
2,4-Dinitrotoluene	0.5300 U	0.5300 U	mg/kg	
2,6-Dinitrotoluene	0.5300 U	0.5300 U	mg/kg	
Fluoranthene	0.1200 J	0.1100 J	mg/kg	
Fluorene	0.5300 U	0.5300 U	mg/kg	
Hexachlorobenzene	0.5300 U	0.5300 U	mg/kg	
Hexachlorobutadiene	0.5300 U	0.5300 U	mg/kg	
Hexachlorocyclopentadiene	0.5300 U	0.5300 U	mg/kg	
Hexachloroethane	0.5300 U	0.5300 U	mg/kg	
Indeno (1,2,3-cd) pyrene	0.5300 U	0.5300 U	mg/kg	
Isophorone	0.5300 U	0.5300 U	mg/kg	
2-Methylnaphthalene	0.5300 U	0.5300 U	mg/kg	
2-Methylphenol	0.5300 U	0.5300 U	mg/kg	
4-Methylphenol	0.5300 U	0.5300 U	mg/kg	
Naphthalene	0.5300 U	0.5300 U	mg/kg	
2-Nitroaniline	1.3000 U	1.3000 U	mg/kg	
3-Nitroaniline	1.3000 U	1.3000 U	mg/kg	
4-Nitroaniline	1.3000 U	1.3000 U	mg/kg	
Nitrobenzene	0.5300 U	0.5300 U	mg/kg	
2-Nitrophenol	0.5300 U	0.5300 U	mg/kg	
4-Nitrophenol	1.3000 U	1.3000 U	mg/kg	
N-Nitroso-di-n-propylamine	0.5300 U	0.5300 U	mg/kg	
N-Nitrosodiphenylamine (1)	0.5300 U	0.5300 U	mg/kg	
2,2'-Oxybis (1-Chloropropane)	0.5300 U	0.5300 U	mg/kg	
Pentachlorophenol	1.3000 U	1.3000 U	mg/kg	
Phenanthrene	0.5300 U	0.5300 U	mg/kg	
Phenol	0.5300 U	0.5300 U	mg/kg	
Pyrene	0.1200 J	0.5300 U	mg/kg	
1,2,4-Trichlorobenzene	0.5300 U	0.5300 U	mg/kg	
2,4,5-Trichlorophenol	1.3000 U	1.3000 U	mg/kg	
2,4,6-Trichlorophenol	0.5300 U	0.5300 U	mg/kg	

4C-S077 EL01

TCL PESTICIDES

Aldrin	0.0027 U	0.0027 U	mg/kg	9.3
Aroclor-1016	0.0530 U	0.0530 U	mg/kg	
Aroclor-1221	0.1100 U	0.1100 U	mg/kg	
Aroclor-1232	0.0530 U	0.0530 U	mg/kg	
Aroclor-1242	0.0530 U	0.0530 U	mg/kg	
Aroclor-1248	0.0530 U	0.0530 U	mg/kg	
Aroclor-1254	0.0530 U	0.0530 U	mg/kg	
Aroclor-1260	0.0410 J	0.0450 J	mg/kg	
gamma-BHC (Lindane)	0.0027 U	0.0027 U	mg/kg	
alpha-BHC	0.0027 U	0.0027 U	mg/kg	
beta-BHC	0.0027 U	0.0027 U	mg/kg	
delta-BHC	0.0027 U	0.0027 U	mg/kg	
alpha-Chlordane	0.0027 U	0.0027 U	mg/kg	
gamma-Chlordane	0.0027 U	0.0027 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
4,4'-DDD	0.0053 U	0.0053 U	mg/kg	
4,4'-DDE	0.0053 U	0.0053 U	mg/kg	
4,4'-DDT	0.0053 U	0.0053 U	mg/kg	
Dieldrin	0.0053 U	0.0053 U	mg/kg	
Endosulfan I	0.0027 U	0.0027 U	mg/kg	
Endosulfan II	0.0053 U	0.0053 U	mg/kg	
Endosulfan sulfate	0.0053 U	0.0053 U	mg/kg	
Endrin	0.0053 U	0.0053 U	mg/kg	
Endrin aldehyde	0.0053 U	0.0053 U	mg/kg	
Endrin ketone	0.0053 U	0.0053 U	mg/kg	
Heptachlor	0.0027 U	0.0027 U	mg/kg	
Heptachlor epoxide	0.0027 U	0.0027 U	mg/kg	
Methoxychlor	0.0270 U	0.0270 U	mg/kg	
Toxaphene	0.2700 U	0.2700 U	mg/kg	

4C-S104 SL01	WET CHEMISTRY			
TOC	4,280.0000	3,730.0000	mg/kg	13.7

4C-S110 SL01	TAL TOTAL INORGANICS			
Aluminum	10,400.0000	9,010.0000	mg/kg	14.3
Antimony	2.7000 JV	4.2000 JV	mg/kg	43.5
Arsenic	15.5000	21.3000	mg/kg	31.5
Barium	136.0000	118.0000	mg/kg	14.2
Beryllium	0.6800	0.6500	mg/kg	4.5
Cadmium	1.7000	1.9000	mg/kg	11.1
Calcium	22,700.0000	28,600.0000	mg/kg	23.0
Chromium	21.5000	26.2000	mg/kg	19.7
Cobalt	5.5000	6.4000	mg/kg	15.1
Copper	64.6000 J	69.2000 J	mg/kg	6.9
Iron	47,400.0000 J	14,700.0000 J	mg/kg	105.3
Lead	261.0000 J	223.0000 J	mg/kg	15.7
Magnesium	2,220.0000	2,100.0000	mg/kg	5.6
Manganese	292.0000	423.0000	mg/kg	36.6
Mercury	0.3300	0.3100	mg/kg	6.3
Nickel	14.4000	16.9000	mg/kg	16.0
Potassium	2,210.0000	2,060.0000	mg/kg	7.0
Selenium	1.3000	1.2000	mg/kg	8.0
Silver	0.2500 U	0.2500 U	mg/kg	
Sodium	27.1000 UJ	27.2000 UJ	mg/kg	
Thallium	0.7500 U	1.3000	mg/kg	53.7
Vanadium	22.4000	20.9000	mg/kg	6.9
Zinc	218.0000 J	233.0000 J	mg/kg	6.7

4D-P004 WL01	TAL TOTAL INORGANICS			
Aluminum	6,040.0000	4,170.0000	µg/L	36.6
Antimony	4.2000	5.1000	µg/L	19.4
Arsenic	13.8000	13.2000	µg/L	4.4

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RPD* (%)
Barium	105.0000	94.0000	µg/L	11.1
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	1.0000 U	1.0000 U	µg/L	
Calcium	83,800.0000	78,900.0000	µg/L	6.0
Chromium	11.6000	8.8000	µg/L	27.5
Cobalt	3.5000	2.8000	µg/L	22.2
Copper	25.2000	22.3000	µg/L	12.2
Iron	5,470.0000	3,690.0000	µg/L	38.9
Lead	37.6000	26.2000	µg/L	35.7
Magnesium	4,080.0000	3,760.0000	µg/L	8.2
Manganese	335.0000	304.0000	µg/L	9.7
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	13.4000	10.9000	µg/L	20.6
Potassium	15,300.0000	14,900.0000	µg/L	2.7
Selenium	3.1000	3.0000 U	µg/L	3.3
Silver	1.0000 U	1.0000 U	µg/L	
Sodium	14,300.0000	14,300.0000	µg/L	
Thallium	3.0000 U	3.0000 U	µg/L	
Vanadium	15.3000	11.5000	µg/L	28.4
Zinc	113.0000	87.0000	µg/L	26.0

025081

4D-P004 WL01

TAL DISSOLVED INORGANICS

Aluminum	95.1000 UC	91.3000 UC	µg/L	
Antimony	4.1000	8.8000	µg/L	72.9
Arsenic	14.9000	14.6000	µg/L	2.0
Barium	71.0000	70.4000	µg/L	0.9
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	1.0000 U	1.0000 U	µg/L	
Calcium	72,700.0000	70,900.0000	µg/L	2.5
Chromium	2.2000	2.3000	µg/L	4.4
Cobalt	1.6000	1.5000	µg/L	6.5
Copper	16.0000	13.8000	µg/L	14.8
Iron	19.1000	14.7000	µg/L	26.0
Lead	2.7000 UC	2.2000 UC	µg/L	
Magnesium	3,270.0000	3,220.0000	µg/L	1.5
Manganese	218.0000	214.0000	µg/L	1.9
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	7.3000	6.7000	µg/L	8.6
Potassium	15,300.0000	15,100.0000	µg/L	1.3
Selenium	6.0000 J	4.7000 J	µg/L	24.3
Silver	1.0000 U	1.0000 U	µg/L	
Sodium	14,600.0000	14,400.0000	µg/L	1.4
Thallium	3.0000 U	3.0000 U	µg/L	
Vanadium	2.5000	2.6000	µg/L	3.9
Zinc	9.6000 J	12.7000	µg/L	27.8

TCL VOLATILES

Acetone	5.0000 J	13.0000	µg/L	88.9
Benzene	10.0000 U	10.0000 U	µg/L	
Bromodichloromethane	10.0000 U	10.0000 U	µg/L	
Bromoform	10.0000 U	10.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
Bromomethane	10.0000 U	10.0000 U	µg/L
2-Butanone	10.0000 U	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L
Chlorobenzene	10.0000 U	10.0000 U	µg/L
Chloroethane	10.0000 U	10.0000 U	µg/L
Chloroform	10.0000 U	10.0000 U	µg/L
Chloromethane	10.0000 U	10.0000 U	µg/L
Dibromochloromethane	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
Ethylbenzene	10.0000 U	10.0000 U	µg/L
2-Hexanone	10.0000 U	10.0000 U	µg/L
4-Methyl-2-Pentanone	1.0000 J	10.0000 U	µg/L
Methylene Chloride	10.0000 U	10.0000 U	µg/L
Styrene	10.0000 U	10.0000 U	µg/L
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L
Tetrachloroethene	10.0000 U	10.0000 U	µg/L
Toluene	10.0000 U	10.0000 U	µg/L
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L
Trichloroethene	10.0000 U	10.0000 U	µg/L
Vinyl Chloride	10.0000 U	10.0000 U	µg/L
Xylene (total)	10.0000 U	10.0000 U	µg/L

4D-P004 WL01

TCL SEMI-VOLATILES

Acenaphthene	10.0000 U	10.0000 U	µg/L
Acenaphthylene	10.0000 U	10.0000 U	µg/L
Anthracene	10.0000 U	10.0000 U	µg/L
Benzo(a)anthracene	10.0000 U	10.0000 U	µg/L
Benzo(a)pyrene	10.0000 U	10.0000 U	µg/L
Benzo(b)fluoranthene	10.0000 U	10.0000 U	µg/L
Benzo(g,h,i)perylene	10.0000 U	10.0000 U	µg/L
Benzo(k)fluoranthene	10.0000 U	10.0000 U	µg/L
bis(2-Chloroethoxy)Methane	10.0000 U	10.0000 U	µg/L
bis(2-Chloroethyl) Ether	10.0000 U	10.0000 U	µg/L
bis(2-Ethylhexyl) phthalate	10.0000 U	1.0000 J	µg/L
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L
Carbazole	10.0000 U	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Chrysene	10.0000 U	10.0000 U	µg/L
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025082

025082

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RI (1)
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L	66.7
Dibenz (a,h) anthracene	10.0000 U	10.0000 U	µg/L	
Dibenzofuran	10.0000 U	10.0000 U	µg/L	
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L	
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L	
Diethylphthalate	10.0000 U	10.0000 U	µg/L	
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L	
Dimethylphthalate	10.0000 U	10.0000 U	µg/L	
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
Fluoranthene	10.0000 U	10.0000 U	µg/L	
Fluorene	10.0000 U	10.0000 U	µg/L	
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L	
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L	
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L	
Hexachloroethane	10.0000 U	10.0000 U	µg/L	
Indeno (1,2,3-cd) pyrene	10.0000 U	10.0000 U	µg/L	
Isophorone	10.0000 U	10.0000 U	µg/L	
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L	
2-Methylphenol	1.0000 J	2.0000 J	µg/L	
4-Methylphenol	10.0000 U	10.0000 U	µg/L	
Naphthalene	10.0000 U	10.0000 U	µg/L	
2-Nitroaniline	25.0000 U	25.0000 U	µg/L	
3-Nitroaniline	25.0000 U	25.0000 U	µg/L	
4-Nitroaniline	25.0000 U	25.0000 U	µg/L	
Nitrobenzene	10.0000 U	10.0000 U	µg/L	
2-Nitrophenol	10.0000 U	10.0000 U	µg/L	
4-Nitrophenol	25.0000 U	25.0000 U	µg/L	
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L	
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L	
2,2'-Oxybis (1-Chloropropane)	10.0000 U	10.0000 U	µg/L	
Pentachlorophenol	25.0000 U	25.0000 U	µg/L	
Phenanthrene	10.0000 U	10.0000 U	µg/L	
Phenol	10.0000 U	10.0000 U	µg/L	
Pyrene	10.0000 U	10.0000 U	µg/L	
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L	
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L	
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L	

4D-P004 WL01

TCL PESTICIDES

Aldrin	0.0500 U	0.0500 U	µg/L
Aroclor-1016	1.0000 U	1.0000 U	µg/L
Aroclor-1221	2.0000 U	2.0000 U	µg/L
Aroclor-1232	1.0000 U	1.0000 U	µg/L
Aroclor-1242	1.0000 U	1.0000 U	µg/L
Aroclor-1248	1.0000 U	1.0000 U	µg/L
Aroclor-1254	1.0000 UJv	1.0000 UJv	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
Aroclor-1260	1.0000 UJv	1.0000 UJv	µg/L	
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L	
alpha-BHC	0.0068 J	0.0075 J	µg/L	
beta-BHC	0.0500 U	0.0500 U	µg/L	
delta-BHC	0.0500 U	0.0500 U	µg/L	
alpha-Chlordane	0.0500 UJv	0.0500 UJv	µg/L	
gamma-Chlordane	0.0500 UJv	0.0500 UJv	µg/L	
4,4'-DDD	0.1000 UJv	0.1000 UJv	µg/L	
4,4'-DDE	0.1000 UJv	0.1000 UJv	µg/L	
4,4'-DDT	0.1000 UJv	0.1000 UJv	µg/L	
Dieldrin	0.1000 UJv	0.1000 UJv	µg/L	
Endosulfan I	0.0073 Jv	0.0078 Jv	µg/L	
Endosulfan II	0.1000 UJv	0.1000 UJv	µg/L	6.6
Endosulfan sulfate	0.1000 UJv	0.1000 UJv	µg/L	
Endrin	0.1000 UJv	0.1000 UJv	µg/L	
Endrin aldehyde	0.1000 UJv	0.1000 UJv	µg/L	
Endrin ketone	0.1000 UJv	0.1000 UJv	µg/L	
Heptachlor	0.0500 U	0.0500 U	µg/L	
Heptachlor epoxide	0.0500 UJv	0.0500 UJv	µg/L	
Methoxychlor	0.5000 UJv	0.5000 UJv	µg/L	
Toxaphene	5.0000 UJv	5.0000 UJv	µg/L	

4D-P004 WL01

WET CHEMISTRY

TOC	124,000.0000	118,000.0000	µg/L	5.0
TDS	392,000.0000	401,000.0000	µg/L	2.3
TSS	155,000.0000	116,000.0000	µg/L	28.8

4D-S073 SL01

TAL TOTAL INORGANICS

Aluminum	7,000.0000	7,000.0000	mg/kg	
Antimony	1.9000 UC	2.2000 UC	mg/kg	
Arsenic	10.2000 J	11.5000 J	mg/kg	12.0
Barium	69.4000	75.7000	mg/kg	8.7
Beryllium	0.5600	0.7700	mg/kg	31.6
Cadmium	0.4900 U	0.5000 U	mg/kg	
Calcium	71,800.0000	77,300.0000	mg/kg	7.4
Chromium	17.1000	17.9000	mg/kg	4.6
Cobalt	4.1000	4.4000	mg/kg	7.1
Copper	44.3000 UC	56.5000 UC	mg/kg	
Iron	15,500.0000	15,800.0000	mg/kg	1.9
Lead	396.0000 Jv	440.0000 Jv	mg/kg	10.5
Magnesium	1,740.0000	1,890.0000	mg/kg	8.3
Manganese	328.0000 Jv	343.0000 Jv	mg/kg	4.5
Mercury	0.1700	0.2100	mg/kg	21.1
Nickel	12.6000	15.0000	mg/kg	17.4
Potassium	1,960.0000	1,960.0000	mg/kg	
Selenium	1.2000 U	1.3000 U	mg/kg	
Silver	0.7400 U	0.7500 U	mg/kg	
Sodium	714.0000 UCJ	799.0000 UCJ	mg/kg	
Thallium	1.7000 U	1.8000 U	mg/kg	
Vanadium	22.3000	22.2000	mg/kg	0.5

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RF (%)
Zinc	187.0000	232.0000	mg/kg	21

4D-S083 GW01

TAL TOTAL INORGANICS

Aluminum	10,900.0000	10,700.0000	µg/L	1.9
Antimony	3.0000 UJv	3.0000 UJv	µg/L	
Arsenic	6.1000	6.9000	µg/L	12.3
Barium	123.0000	121.0000	µg/L	1.6
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	1.0000 U	1.0000 U	µg/L	
Calcium	185,000.0000	179,000.0000	µg/L	3.3
Chromium	27.3000	26.7000	µg/L	2.2
Cobalt	13.7000	13.3000	µg/L	3.0
Copper	14.3000 Jv	14.4000 Jv	µg/L	0.7
Iron	22,900.0000	22,400.0000	µg/L	2.2
Lead	8.2000	7.3000	µg/L	11.6
Magnesium	20,200.0000	19,800.0000	µg/L	2.0
Manganese	679.0000	649.0000	µg/L	4.5
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	28.1000	27.7000	µg/L	1.4
Potassium	15,400.0000	15,200.0000	µg/L	1.3
Selenium	4.0000 U	4.0000 U	µg/L	
Silver	1.0000 U	1.0000 U	µg/L	
Sodium	199,000.0000 J	195,000.0000 J	µg/L	2.0
Thallium	8.4000	5.0000 U	µg/L	50.8
Vanadium	31.6000	30.4000	µg/L	3.9
Zinc	61.3000	59.5000	µg/L	3.0

TAL DISSOLVED INORGANICS

Aluminum	7.0000 U	7.0000 U	µg/L	
Antimony	3.0000 UJv	3.0000 U	µg/L	
Arsenic	5.0000 U	5.0000 U	µg/L	
Barium	56.8000	56.7000	µg/L	0.2
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	1.0000 U	1.0000 U	µg/L	
Calcium	170,000.0000	167,000.0000	µg/L	1.8
Chromium	1.0000 U	1.0000 U	µg/L	
Cobalt	4.1000	4.0000	µg/L	2.5
Copper	2.0000 U	2.6000	µg/L	26.1
Iron	12.0000 U	12.0000 U	µg/L	
Lead	2.0000 U	2.0000 U	µg/L	
Magnesium	18,600.0000	18,300.0000	µg/L	1.6
Manganese	510.0000	502.0000	µg/L	1.6
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	4.4000	4.8000	µg/L	8.7
Potassium	13,900.0000	13,600.0000	µg/L	2.2
Selenium	4.0000 U	4.0000 U	µg/L	
Silver	1.0000 U	1.0000 U	µg/L	
Sodium	256,000.0000 J	240,000.0000 J	µg/L	6.5
Thallium	5.0000 U	5.0000 U	µg/L	
Vanadium	1.0000 U	1.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	5
Zinc	3.3000	2.4000	µg/L	3
4D-S083 GW01	TCL VOLATILES			
Acetone	10.0000 U	10.0000 U	µg/L	
Benzene	10.0000 U	10.0000 U	µg/L	
Bromodichloromethane	10.0000 U	10.0000 U	µg/L	
Bromoform	10.0000 U	10.0000 U	µg/L	
Bromomethane	10.0000 U	10.0000 U	µg/L	
2-Butanone	10.0000 U	10.0000 U	µg/L	
Carbon Disulfide	10.0000 U	10.0000 U	µg/L	
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L	
Chlorobenzene	10.0000 U	10.0000 U	µg/L	
Chloroethane	10.0000 U	10.0000 U	µg/L	
Chloroform	10.0000 U	10.0000 U	µg/L	
Chloromethane	10.0000 U	10.0000 U	µg/L	
Dibromochloromethane	10.0000 U	10.0000 U	µg/L	
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L	
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L	
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L	
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L	
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L	
Ethylbenzene	10.0000 U	10.0000 U	µg/L	
2-Hexanone	10.0000 U	10.0000 U	µg/L	
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L	
Methylene Chloride	10.0000 U	10.0000 U	µg/L	
Styrene	10.0000 U	10.0000 U	µg/L	
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L	
Tetrachloroethene	10.0000 U	10.0000 U	µg/L	
Toluene	10.0000 U	10.0000 U	µg/L	
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L	
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L	
Trichloroethene	10.0000 U	10.0000 U	µg/L	
Vinyl Chloride	10.0000 U	10.0000 U	µg/L	
Xylene (total)	10.0000 U	10.0000 U	µg/L	
	TCL SEMI-VOLATILES			
Acenaphthene	10.0000 U	10.0000 U	µg/L	
Acenaphthylene	10.0000 U	10.0000 U	µg/L	
Anthracene	10.0000 U	10.0000 U	µg/L	
Benzo(a)anthracene	10.0000 U	10.0000 U	µg/L	
Benzo(a)pyrene	10.0000 U	10.0000 U	µg/L	
Benzo(b)fluoranthene	10.0000 U	10.0000 U	µg/L	
Benzo(g,h,i)perylene	10.0000 U	10.0000 U	µg/L	
Benzo(k)fluoranthene	10.0000 U	10.0000 U	µg/L	
bis(2-Chloroethoxy)Methane	10.0000 U	10.0000 U	µg/L	
bis(2-Chloroethyl)Ether	10.0000 U	10.0000 U	µg/L	
bis(2-Ethylhexyl)phthalate	10.0000 U	10.0000 U	µg/L	
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L	
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
Carbazole	10.0000 U	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Chrysene	10.0000 U	10.0000 U	µg/L
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L
Dibenz (a,h) anthracene	10.0000 U	10.0000 U	µg/L
Dibenzofuran	10.0000 U	10.0000 U	µg/L
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L
Diethylphthalate	10.0000 U	10.0000 U	µg/L
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L
Dimethylphthalate	10.0000 U	10.0000 U	µg/L
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
Fluoranthene	10.0000 U	10.0000 U	µg/L
Fluorene	10.0000 U	10.0000 U	µg/L
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L
Hexachloroethane	10.0000 U	10.0000 U	µg/L
Indeno (1,2,3-cd) pyrene	10.0000 U	10.0000 U	µg/L
Isophorone	10.0000 U	10.0000 U	µg/L
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L
2-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Methylphenol	10.0000 U	10.0000 U	µg/L
Naphthalene	10.0000 U	10.0000 U	µg/L
2-Nitroaniline	25.0000 U	25.0000 U	µg/L
3-Nitroaniline	25.0000 U	25.0000 U	µg/L
4-Nitroaniline	25.0000 U	25.0000 U	µg/L
Nitrobenzene	10.0000 U	10.0000 U	µg/L
2-Nitrophenol	10.0000 U	10.0000 U	µg/L
4-Nitrophenol	25.0000 U	25.0000 U	µg/L
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L
2,2'-Oxybis (1-Chloropropane)	10.0000 U	10.0000 U	µg/L
Pentachlorophenol	25.0000 U	25.0000 U	µg/L
Phenanthrene	10.0000 U	10.0000 U	µg/L
Phenol	10.0000 U	10.0000 U	µg/L
Pyrene	10.0000 U	10.0000 U	µg/L
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
4D-S083 GW01	TCL PESTICIDES			
Aldrin	0.0500 U	0.0500 U	µg/L	
Aroclor-1016	1.0000 U	1.0000 U	µg/L	
Aroclor-1221	2.0000 U	2.0000 U	µg/L	
Aroclor-1232	1.0000 U	1.0000 U	µg/L	
Aroclor-1242	1.0000 U	1.0000 U	µg/L	
Aroclor-1248	1.0000 U	1.0000 U	µg/L	
Aroclor-1254	1.0000 U	1.0000 U	µg/L	
Aroclor-1260	1.0000 U	1.0000 U	µg/L	
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L	
alpha-BHC	0.0500 U	0.0500 U	µg/L	
beta-BHC	0.0500 U	0.0500 U	µg/L	
delta-BHC	0.0500 U	0.0500 U	µg/L	
alpha-Chlordane	0.0500 U	0.0500 U	µg/L	
gamma-Chlordane	0.0500 U	0.0500 U	µg/L	
4,4'-DDD	0.1000 U	0.1000 U	µg/L	
4,4'-DDE	0.1000 U	0.1000 U	µg/L	
4,4'-DDT	0.1000 U	0.1000 U	µg/L	
Dieldrin	0.1000 U	0.1000 U	µg/L	
Endosulfan I	0.0500 U	0.0500 U	µg/L	
Endosulfan II	0.1000 U	0.1000 U	µg/L	
Endosulfan sulfate	0.1000 U	0.1000 U	µg/L	
Endrin	0.1000 U	0.1000 U	µg/L	
Endrin aldehyde	0.1000 U	0.1000 U	µg/L	
Endrin ketone	0.1000 U	0.1000 U	µg/L	
Heptachlor	0.0500 U	0.0500 U	µg/L	
Heptachlor epoxide	0.0500 U	0.0500 U	µg/L	
Methoxychlor	0.5000 U	0.5000 U	µg/L	
Toxaphene	5.0000 U	5.0000 U	µg/L	
	WET CHEMISTRY			
Total Alkalinity	460,000.0000 -	463,000.0000 -	µg/L	0.7
Chloride	102,000.0000 -	101,000.0000 -	µg/L	1.0
Fluoride	458.0000 -	456.0000 -	µg/L	0.4
Nitrate	50.0000 <	50.0000 <	µg/L	
Oil and Grease	285,000.0000 -	10,000.0000 <	µg/L	186.4
Total Phosphorus	100.0000 <	100.0000 <	µg/L	
TDS	1,210,000.0000 -	108,000.0000 -	µg/L	167.2
TSS	670,000.0000 -	520,000.0000 -	µg/L	25.2
Sulfate	268,000.0000 -	314,000.0000 -	µg/L	15.8
4E-A002 DL01	TCLP INORGANICS			
Arsenic	0.0058 B	0.0043 B	mg/L	29.7
Barium	0.6410 E	0.5050 E	mg/L	23.7
Cadmium	0.0047 B	0.0096	mg/L	68.5
Chromium	0.0057 U	0.0057 U	mg/L	
Lead	0.0191 BS	0.0199 BS	mg/L	4.1
Mercury	0.0002 U	0.0002 U	mg/L	
Selenium	0.0270 UW	0.0270 UW	mg/L	

* See Attachment B-2 for definitions of the qualifiers.

** ppm - Relative Percent difference

025088

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Silver	0.0045 U	0.0045 U	mg/L

4E-A002 DL01

TCLE VOLATILES

Benzene	0.0500 U	0.0500 U	mg/L
2-Butanone	0.1000 U	0.1000 U	mg/L
Carbon Tetrachloride	0.0500 U	0.0500 U	mg/L
Chlorobenzene	0.0500 U	0.0500 U	mg/L
Chloroform	0.0250 U	0.0250 U	mg/L
1,2-Dichloroethane	0.0250 U	0.0250 U	mg/L
1,1-Dichloroethene	0.0250 U	0.0250 U	mg/L
Tetrachloroethene	0.0500 U	0.0500 U	mg/L
Trichloroethene	0.0250 U	0.0250 U	mg/L
Vinyl Chloride	0.0500 U	0.0500 U	mg/L

TCLE SEMI-VOLATILES

1,4-Dichlorobenzene	0.0500 U	0.0500 U	mg/L
2,4-Dinitrotoluene	0.0500 U	0.0500 U	mg/L
Hexachlorobenzene	0.0750 U	0.0750 U	mg/L
Hexachlorobutadiene	0.0250 U	0.0250 U	mg/L
Hexachloroethane	0.0500 U	0.0500 U	mg/L
2-Methylphenol	0.1000 U	0.1000 U	mg/L
3-Methylphenol	0.1800 U	0.1800 U	mg/L
4-Methylphenol	0.1800 U	0.1800 U	mg/L
Nitrobenzene	0.0500 U	0.0500 U	mg/L
Pentachlorophenol	0.2800 U	0.2800 U	mg/L
Pyridine	0.1000 U	0.1000 U	mg/L
2,4,5-Trichlorophenol	0.1200 U	0.1200 U	mg/L
2,4,6-Trichlorophenol	0.1200 U	0.1200 U	mg/L

TCLE PESTICIDES

gamma-BHC (Lindane)	0.2000 U	0.2000 U	mg/L
Chlordane	0.0150 U	0.0150 U	mg/L
2,4-Dichlorophenoxyacetic ac	5.0000 U	5.0000 U	mg/L
Endrin	0.0100 U	0.0100 U	mg/L
Heptachlor	0.0040 U	0.0040 U	mg/L
Heptachlor epoxide	0.0040 U	0.0040 U	mg/L
Methoxychlor	5.0000 U	5.0000 U	mg/L
2,4,5-TP (Silvex)	0.5000 U	0.5000 U	mg/L
Toxaphene	0.2500 U	0.2500 U	mg/L

4F-A001 DL01

TAL TOTAL INORGANICS

Aluminum	18,500.0000	10,200.0000	mg/kg	57.8
Antimony	2.0000 UC	2.1000 UC	mg/kg	
Arsenic	19.6000	13.6000 J	mg/kg	36.1
Barium	132.0000	75.2000	mg/kg	54.8
Beryllium	2.4000	1.4000	mg/kg	52.6
Cadmium	0.6400 UJ	8.9000 J	mg/kg	173.2
Calcium	47,800.0000 J	118,000.0000 J	mg/kg	84.7

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025089

025089

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RI (%)
Chromium	41.7000	20.9000	mg/kg	64
Cobalt	12.6000	7.9000	mg/kg	41
Copper	74.9000 UC	42.0000 UC	mg/kg	
Iron	49,900.0000	29,000.0000	mg/kg	53.0
Lead	364.0000 Jv	166.0000 Jv	mg/kg	74.7
Magnesium	3,790.0000	2,560.0000	mg/kg	38.7
Manganese	1,060.0000 Jv	644.0000 Jv	mg/kg	48.8
Mercury	0.3200	0.1600 U	mg/kg	66.7
Nickel	33.2000	19.2000	mg/kg	53.4
Potassium	3,950.0000	2,670.0000	mg/kg	38.7
Selenium	1.6000 U	1.6000 U	mg/kg	
Silver	0.9600 U	0.9500 U	mg/kg	
Sodium	1,380.0000 UCJ	1,290.0000 UCJ	mg/kg	
Thallium	2.2000 U	2.2000 U	mg/kg	
Vanadium	54.3000	34.0000	mg/kg	46.0
Zinc	276.0000	132.0000	mg/kg	70.6

4F-A001 DL01

TCL VOLATILES

Acetone	0.0170 U	0.0190 UJ	mg/kg
Benzene	0.0170 U	0.0180 U	mg/kg
Bromodichloromethane	0.0170 U	0.0180 U	mg/kg
Bromoform	0.0170 U	0.0180 U	mg/kg
Bromomethane	0.0170 U	0.0180 U	mg/kg
2-Butanone	0.0170 U	0.0180 U	mg/kg
Carbon Disulfide	0.0170 U	0.0180 U	mg/kg
Carbon Tetrachloride	0.0170 U	0.0180 U	mg/kg
Chlorobenzene	0.0170 U	0.0180 U	mg/kg
Chloroethane	0.0170 U	0.0180 U	mg/kg
Chloroform	0.0170 U	0.0180 U	mg/kg
Chloromethane	0.0170 U	0.0180 U	mg/kg
Dibromochloromethane	0.0170 U	0.0180 U	mg/kg
1,1-Dichloroethane	0.0170 U	0.0180 U	mg/kg
1,2-Dichloroethane	0.0170 U	0.0180 U	mg/kg
1,2-Dichloroethene (total)	0.0170 U	0.0180 U	mg/kg
1,1-Dichloroethene	0.0170 U	0.0180 U	mg/kg
1,2-Dichloropropane	0.0170 U	0.0180 U	mg/kg
cis-1,3-Dichloropropene	0.0170 U	0.0180 U	mg/kg
trans-1,3-Dichloropropene	0.0170 U	0.0180 U	mg/kg
Ethylbenzene	0.0170 U	0.0180 U	mg/kg
2-Hexanone	0.0170 U	0.0180 U	mg/kg
4-Methyl-2-Pentanone	0.0170 U	0.0180 U	mg/kg
Methylene Chloride	0.0170 U	0.0180 U	mg/kg
Styrene	0.0170 U	0.0180 U	mg/kg
1,1,2,2-Tetrachloroethane	0.0170 U	0.0180 U	mg/kg
Tetrachloroethene	0.0170 U	0.0180 U	mg/kg
Toluene	0.0170 U	0.0180 U	mg/kg
1,1,1-Trichloroethane	0.0170 U	0.0180 U	mg/kg
1,1,2-Trichloroethane	0.0170 U	0.0180 U	mg/kg
Trichloroethene	0.0170 U	0.0180 U	mg/kg
Vinyl Chloride	0.0170 U	0.0180 U	mg/kg
Xylene (total)	0.0170 U	0.0180 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

** nnn - Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RI (1)
4F-A001 DL01	TCL SEMI-VOLATILES			
Acenaphthene	0.0770 J	0.1500 J	mg/kg	64.1
Acenaphthylene	0.5600 U	0.5600 U	mg/kg	
Anthracene	0.1100 J	0.2700 J	mg/kg	84.2
Benzo(a)anthracene	1.2000 J	1.8000 J	mg/kg	40.0
Benzo(a)pyrene	1.3000 J	1.7000 J	mg/kg	26.7
Benzo(b)fluoranthene	1.8000 J	2.5000 J	mg/kg	32.6
Benzo(g,h,i)perylene	1.2000 J	1.3000 J	mg/kg	8.0
Benzo(k)fluoranthene	1.1000 J	1.6000 J	mg/kg	37.0
bis(2-Chloroethoxy)Methane	0.5600 U	0.5600 U	mg/kg	
bis(2-Chloroethyl)Ether	0.5600 U	0.5600 U	mg/kg	
bis(2-Ethylhexyl)phthalate	2.2000 J	0.7300 J	mg/kg	100.3
4-Bromophenyl-phenylether	0.5600 U	0.5600 U	mg/kg	
Butylbenzylphthalate	0.5600 UJv	0.5600 U	mg/kg	
Carbazole	0.1500 J	0.2700 J	mg/kg	57.1
4-Chloro-3-Methylphenol	0.5600 U	0.5600 U	mg/kg	
4-Chloroaniline	0.5600 U	0.5600 U	mg/kg	
2-Chloronaphthalene	0.5600 U	0.5600 U	mg/kg	
2-Chlorophenol	0.5600 U	0.5600 U	mg/kg	
4-Chlorophenyl-phenylether	0.5600 U	0.5600 U	mg/kg	
Chrysene	1.5000 J	2.0000 J	mg/kg	28.6
Di-n-butylphthalate	0.5600 U	0.5600 U	mg/kg	
Di-n-octylphthalate	0.5600 UJv	0.5600 U	mg/kg	
Dibenz(a,h)anthracene	0.5600 UJv	0.5600 U	mg/kg	
Dibenzofuran	0.0280 J	0.0630 J	mg/kg	76.9
1,2-Dichlorobenzene	0.5600 U	0.5600 U	mg/kg	
1,3-Dichlorobenzene	0.5600 U	0.5600 U	mg/kg	
1,4-Dichlorobenzene	0.5600 U	0.5600 U	mg/kg	
3,3'-Dichlorobenzidine	0.5600 UJv	0.5600 U	mg/kg	
2,4-Dichlorophenol	0.5600 U	0.5600 U	mg/kg	
Diethylphthalate	0.5600 U	0.5600 U	mg/kg	
2,4-Dimethylphenol	0.5600 U	0.5600 U	mg/kg	
Dimethylphthalate	0.5600 U	0.5600 U	mg/kg	
4,6-Dinitro-2-Methylphenol	1.4000 U	1.4000 U	mg/kg	
2,4-Dinitrophenol	1.4000 U	1.4000 U	mg/kg	
2,4-Dinitrotoluene	0.5600 U	0.5600 U	mg/kg	
2,6-Dinitrotoluene	0.5600 U	0.5600 U	mg/kg	
Fluoranthene	1.7000 J	2.5000 J	mg/kg	38.1
Fluorene	0.0480 J	0.1300 J	mg/kg	92.1
Hexachlorobenzene	0.5600 U	0.5600 U	mg/kg	
Hexachlorobutadiene	0.5600 U	0.5600 U	mg/kg	
Hexachlorocyclopentadiene	0.5600 U	0.5600 U	mg/kg	
Hexachloroethane	0.5600 U	0.5600 U	mg/kg	
Indeno(1,2,3-cd)pyrene	1.1000 J	1.3000 J	mg/kg	16.7
Isophorone	0.5600 U	0.5600 U	mg/kg	
2-Methylnaphthalene	0.5600 U	0.5600 U	mg/kg	
2-Methylphenol	0.5600 U	0.5600 U	mg/kg	
4-Methylphenol	0.5600 U	0.5600 U	mg/kg	
Naphthalene	0.5600 U	0.5600 U	mg/kg	
2-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
3-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
4-Nitroaniline	1.4000 U	1.4000 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025091

025091

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
Nitrobenzene	0.5600 U	0.5600 U	mg/kg	
2-Nitrophenol	0.5600 U	0.5600 U	mg/kg	
4-Nitrophenol	1.4000 U	1.4000 U	mg/kg	
N-Nitroso-di-n-propylamine	0.5600 U	0.5600 U	mg/kg	
N-Nitrosodiphenylamine (1)	0.5600 U	0.5600 U	mg/kg	
2,2'-Oxybis(1-Chloropropane)	0.5600 U	0.5600 U	mg/kg	
Pentachlorophenol	1.4000 U	1.4000 U	mg/kg	
Phenanthrene	1.1000	1.9000	mg/kg	53.3
Phenol	0.5600 U	0.5600 U	mg/kg	
Pyrene	3.2000 J	4.2000	mg/kg	27.0
1,2,4-Trichlorobenzene	0.5600 U	0.5600 U	mg/kg	
2,4,5-Trichlorophenol	1.4000 U	1.4000 U	mg/kg	
2,4,6-Trichlorophenol	0.5600 U	0.5600 U	mg/kg	

4F-A001 DL01

TCL PESTICIDES

Aldrin	0.0058 U	0.0029 U	mg/kg	
Aroclor-1016	0.1100 U	0.0570 U	mg/kg	
Aroclor-1221	0.2300 U	0.1200 U	mg/kg	
Aroclor-1232	0.1100 U	0.0570 U	mg/kg	
Aroclor-1242	0.1100 U	0.0570 U	mg/kg	
Aroclor-1248	0.1100 U	0.0570 U	mg/kg	
Aroclor-1254	0.1100 U	0.0570 U	mg/kg	
Aroclor-1260	0.1100 U	0.0570 U	mg/kg	
gamma-BHC (Lindane)	0.0058 U	0.0029 U	mg/kg	
alpha-BHC	0.0058 U	0.0029 U	mg/kg	
beta-BHC	0.0058 U	0.0029 U	mg/kg	
delta-BHC	0.0058 U	0.0029 U	mg/kg	
alpha-Chlordane	0.0078	0.0051	mg/kg	41.9
gamma-Chlordane	0.0065 J	0.0045 J	mg/kg	36.4
4,4'-DDD	0.0110 U	0.0057 U	mg/kg	
4,4'-DDE	0.0016 J	0.0012 U	mg/kg	28.6
4,4'-DDT	0.0027 J	0.0015 J	mg/kg	57.1
Dieldrin	0.0031 J	0.0017 U	mg/kg	58.3
Endosulfan I	0.0058 U	0.0029 U	mg/kg	
Endosulfan II	0.0110 U	0.0057 U	mg/kg	
Endosulfan sulfate	0.0110 U	0.0057 U	mg/kg	
Endrin	0.0110 U	0.0057 U	mg/kg	
Endrin aldehyde	0.0110 U	0.0057 U	mg/kg	
Endrin ketone	0.0030 J	0.0057 U	mg/kg	
Heptachlor	0.0058 U	0.0029 U	mg/kg	
Heptachlor epoxide	0.0009 J	0.0029 U	mg/kg	
Methoxychlor	0.0088 J	0.0051 J	mg/kg	53.2
Toxaphene	0.5800 U	0.2900 U	mg/kg	

WET CHEMISTRY

TOC	16,400.0000	19,900.0000	mg/kg	19.3
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4F-A001 WL01

TAL TOTAL INORGANICS

Aluminum	70.6000 UC	35.5000	µg/L	
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* See Attachment B-2 for definitions of the qualifiers.

** n.p. - Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RPD (%)
Antimony	10.3000 —	8.4000 —	µg/L	20.
Arsenic	61.7000 J	32.9000 J	µg/L	60.
Barium	62.9000 —	59.2000 —	µg/L	6.
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	2.0000 U	2.0000 U	µg/L	
Calcium	94,500.0000 —	86,100.0000 —	µg/L	9.3
Chromium	5.0000 U	5.0000 U	µg/L	
Cobalt	2.0000 U	2.0000 U	µg/L	
Copper	18.1000 UC	18.3000 —	µg/L	1.1
Iron	248.0000 —	236.0000 —	µg/L	5.0
Lead	5.8000 —	3.0000 U	µg/L	63.6
Magnesium	9,610.0000 —	9,040.0000 —	µg/L	6.1
Manganese	76.0000 —	68.0000 —	µg/L	11.1
Mercury	0.2000 —	0.2000 —	µg/L	
Nickel	10.0000 U	10.0000 U	µg/L	
Potassium	7,490.0000 —	7,530.0000 —	µg/L	0.5
Selenium	7.7000 —	5.0000 U	µg/L	42.5
Silver	3.0000 U	3.0000 U	µg/L	
Sodium	73,200.0000 —	72,600.0000 —	µg/L	0.8
Thallium	7.0000 U	7.0000 U	µg/L	
Vanadium	2.0000 U	2.0000 U	µg/L	
Zinc	4.0000 U	4.0000 U	µg/L	

4F-A001 WL01

TAL DISSOLVED INORGANICS

Aluminum	40.2000 UC	34.8000 UC	µg/L	
Antimony	11.6000 UC	12.4000 UC	µg/L	
Arsenic	56.3000 —	62.7000 —	µg/L	10.8
Barium	63.2000 J	59.3000 J	µg/L	6.4
Beryllium	1.0000 U	1.0000 U	µg/L	
Cadmium	2.0000 U	2.0000 U	µg/L	
Calcium	99,900.0000 —	89,300.0000 —	µg/L	11.2
Chromium	5.0000 U	5.0000 U	µg/L	
Cobalt	2.0000 U	2.0000 U	µg/L	
Copper	10.8000 UC	9.4000 UC	µg/L	
Iron	60.0000 U	60.0000 U	µg/L	
Lead	3.0000 U	3.0000 U	µg/L	
Magnesium	10,400.0000 —	9,440.0000 —	µg/L	9.7
Manganese	7.1800 —	65.7000 —	µg/L	160.6
Mercury	0.2000 U	0.2000 U	µg/L	
Nickel	10.0000 U	10.0000 U	µg/L	
Potassium	8,380.0000 —	8,080.0000 —	µg/L	3.7
Selenium	5.0000 U	5.0000 U	µg/L	
Silver	3.0000 U	3.0000 U	µg/L	
Sodium	78,700.0000 —	79,200.0000 —	µg/L	0.6
Thallium	7.0000 U	7.0000 U	µg/L	
Vanadium	2.0000 U	2.0000 U	µg/L	
Zinc	4.0000 U	4.0000 U	µg/L	

TCL VOLATILES

Acetone	10.0000 U	10.0000 U	µg/L
Benzene	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
Bromodichloromethane	10.0000 U	10.0000 U	µg/L
Bromoform	10.0000 U	10.0000 U	µg/L
Bromomethane	10.0000 U	10.0000 U	µg/L
2-Butanone	10.0000 U	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L
Chlorobenzene	10.0000 U	10.0000 U	µg/L
Chloroethane	10.0000 U	10.0000 U	µg/L
Chloroform	10.0000 U	10.0000 U	µg/L
Chloromethane	10.0000 U	10.0000 U	µg/L
Dibromochloromethane	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
Ethylbenzene	10.0000 U	10.0000 U	µg/L
2-Hexanone	10.0000 U	10.0000 U	µg/L
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L
Methylene Chloride	10.0000 U	10.0000 U	µg/L
Styrene	10.0000 U	10.0000 U	µg/L
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L
Tetrachloroethene	10.0000 U	10.0000 U	µg/L
Toluene	10.0000 U	10.0000 U	µg/L
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L
Trichloroethene	10.0000 U	10.0000 U	µg/L
Vinyl Chloride	10.0000 U	10.0000 U	µg/L
Xylene (total)	10.0000 U	10.0000 U	µg/L

4F-A001 WL01

TCL SEMI-VOLATILES

Acenaphthene	10.0000 U	10.0000 U	µg/L
Acenaphthylene	10.0000 U	10.0000 U	µg/L
Anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) pyrene	10.0000 U	10.0000 U	µg/L
Benzo (b) fluoranthene	10.0000 U	10.0000 U	µg/L
Benzo (g,h,i) perylene	10.0000 U	10.0000 U	µg/L
Benzo (k) fluoranthene	10.0000 U	10.0000 U	µg/L
bis (2-Chloroethoxy) Methane	10.0000 U	10.0000 U	µg/L
bis (2-Chloroethyl) Ether	10.0000 U	10.0000 U	µg/L
bis (2-Ethylhexyl) phthalate	10.0000 U	10.0000 U	µg/L
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L
Carbazole	10.0000 U	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.
Percent difference

025094

025094

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RF (%)
Chrysene	10.0000 U	10.0000 U	µg/L	
Di-n-butylphthalate	0.5000 U	10.0000 U	µg/L	
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L	
Dibenz (a, h) anthracene	10.0000 U	10.0000 U	µg/L	
Dibenzofuran	10.0000 U	10.0000 U	µg/L	
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L	
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L	
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L	
Diethylphthalate	10.0000 U	10.0000 U	µg/L	
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L	
Dimethylphthalate	10.0000 U	10.0000 U	µg/L	
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L	
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L	
Fluoranthene	10.0000 U	10.0000 U	µg/L	
Fluorene	10.0000 U	10.0000 U	µg/L	
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L	
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L	
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L	
Hexachloroethane	10.0000 U	10.0000 U	µg/L	
Indeno (1,2,3-cd) pyrene	10.0000 U	10.0000 U	µg/L	
Isophorone	10.0000 U	10.0000 U	µg/L	
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L	
2-Methylphenol	10.0000 U	10.0000 U	µg/L	
4-Methylphenol	10.0000 U	10.0000 U	µg/L	
Naphthalene	10.0000 U	10.0000 U	µg/L	
2-Nitroaniline	25.0000 U	25.0000 U	µg/L	
3-Nitroaniline	25.0000 U	25.0000 U	µg/L	
4-Nitroaniline	25.0000 U	25.0000 U	µg/L	
Nitrobenzene	10.0000 U	10.0000 U	µg/L	
2-Nitrophenol	10.0000 U	10.0000 U	µg/L	
4-Nitrophenol	25.0000 U	25.0000 U	µg/L	
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L	
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L	
2,2'-Oxybis (1-Chloropropane)	10.0000 U	10.0000 U	µg/L	
Pentachlorophenol	25.0000 U	25.0000 U	µg/L	
Phenanthrene	10.0000 U	10.0000 U	µg/L	
Phenol	10.0000 U	10.0000 U	µg/L	
Pyrene	10.0000 U	10.0000 U	µg/L	
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L	
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L	
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L	
4F-A001 WL01				
TCL PESTICIDES				
Aldrin	0.0500 U	0.0500 U	µg/L	
Aroclor-1016	1.0000 U	1.0000 U	µg/L	
Aroclor-1221	2.0000 U	2.0000 U	µg/L	
Aroclor-1232	1.0000 U	1.0000 U	µg/L	
Aroclor-1242	1.0000 U	1.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025095

025095

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Aroclor-1248	1.0000 U	1.0000 U	µg/L
Aroclor-1254	1.0000 U	1.0000 U	µg/L
Aroclor-1260	1.0000 U	1.0000 U	µg/L
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L
alpha-BHC	0.0500 U	0.0500 U	µg/L
beta-BHC	0.0500 U	0.0500 U	µg/L
delta-BHC	0.0500 U	0.0500 U	µg/L
alpha-Chlordane	0.0500 U	0.0500 U	µg/L
gamma-Chlordane	0.0500 U	0.0500 U	µg/L
4,4'-DDD	0.1000 U	0.1000 U	µg/L
4,4'-DDE	0.1000 U	0.1000 U	µg/L
4,4'-DDT	0.1000 U	0.1000 U	µg/L
Dieldrin	0.1000 U	0.1000 U	µg/L
Endosulfan I	0.0500 U	0.0063 J	µg/L
Endosulfan II	0.1000 U	0.1000 U	µg/L
Endosulfan sulfate	0.1000 U	0.1000 U	µg/L
Endrin	0.1000 U	0.1000 U	µg/L
Endrin aldehyde	0.1000 U	0.1000 U	µg/L
Endrin ketone	0.1000 U	0.1000 U	µg/L
Heptachlor	0.0500 U	0.0500 U	µg/L
Heptachlor epoxide	0.0090 J	0.0500 U	µg/L
Methoxychlor	0.5000 U	0.5000 U	µg/L
Toxaphene	5.0000 U	5.0000 U	µg/L

4F-A001 WL01

WET CHEMISTRY

TOC	10,300.0000	10,700.0000	µg/L	3.8
TDS	500,000.0000	480,000.0000	µg/L	4.1
TSS	12,000.0000	6,000.0000	µg/L	66.7

4F-A004 DL01

TAL TOTAL INORGANICS

Aluminum	23,500.0000	18,700.0000	mg/kg	22.8
Antimony	14.9000 UR	12.4000 UR	mg/kg	
Arsenic	7.0000 Jv	6.9000 Jv	mg/kg	1.4
Barium	96.9000	94.7000	mg/kg	2.3
Beryllium	1.1000	0.9300	mg/kg	16.8
Cadmium	1.3000 U	1.1000 U	mg/kg	
Calcium	86,600.0000	72,700.0000	mg/kg	17.5
Chromium	36.2000	29.1000	mg/kg	21.8
Cobalt	11.3000	9.8000	mg/kg	14.2
Copper	22.6000	25.9000	mg/kg	13.6
Iron	22,300.0000	20,800.0000	mg/kg	7.0
Lead	34.8000 J	48.5000 J	mg/kg	32.9
Magnesium	4,100.0000	4,690.0000	mg/kg	13.4
Manganese	629.0000	577.0000	mg/kg	8.6
Mercury	0.1000 U	0.0800 U	mg/kg	
Nickel	27.7000	25.5000	mg/kg	8.3
Potassium	4,400.0000	3,570.0000	mg/kg	20.8
Selenium	0.3100 U	0.2600 U	mg/kg	
Silver	3.5000 U	2.9000 U	mg/kg	
Sodium	188.0000	155.0000	mg/kg	19.2

* See Attachment B-2 for definitions of the qualifiers.

** Jv - Relative Percent difference

025096

025096

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	R
Thallium	0.2700 U	0.2200 U	mg/kg	
Vanadium	53.1000	43.9000	mg/kg	1
Zinc	111.0000	111.0000	mg/kg	

025097

4F-A004 DL01

TCL VOLATILES

Acetone	0.0160 U	0.0170 U	mg/kg	
Benzene	0.0160 U	0.0170 U	mg/kg	
Bromodichloromethane	0.0160 U	0.0170 U	mg/kg	
Bromoform	0.0160 U	0.0170 U	mg/kg	
Bromomethane	0.0160 U	0.0170 U	mg/kg	
2-Butanone	0.0160 U	0.0170 U	mg/kg	
Carbon Disulfide	0.0160 U	0.0170 U	mg/kg	
Carbon Tetrachloride	0.0160 U	0.0170 U	mg/kg	
Chlorobenzene	0.0160 U	0.0170 U	mg/kg	
Chloroethane	0.0160 U	0.0170 U	mg/kg	
Chloroform	0.0160 U	0.0170 U	mg/kg	
Chloromethane	0.0160 U	0.0170 U	mg/kg	
Dibromochloromethane	0.0160 U	0.0170 U	mg/kg	
1,1-Dichloroethane	0.0160 U	0.0170 U	mg/kg	
1,2-Dichloroethane	0.0160 U	0.0170 U	mg/kg	
1,2-Dichloroethene (total)	0.0160 U	0.0170 U	mg/kg	
1,1-Dichloroethene	0.0160 U	0.0170 U	mg/kg	
1,2-Dichloropropane	0.0160 U	0.0170 U	mg/kg	
cis-1,3-Dichloropropene	0.0160 U	0.0170 U	mg/kg	
trans-1,3-Dichloropropene	0.0160 U	0.0170 U	mg/kg	
Ethylbenzene	0.0160 U	0.0170 U	mg/kg	
2-Hexanone	0.0160 U	0.0170 U	mg/kg	
4-Methyl-2-Pentanone	0.0160 U	0.0170 U	mg/kg	
Methylene Chloride	0.0160 U	0.0170 U	mg/kg	
Styrene	0.0160 U	0.0170 U	mg/kg	
1,1,2,2-Tetrachloroethane	0.0160 U	0.0170 U	mg/kg	
Tetrachloroethene	0.0160 U	0.0170 U	mg/kg	
Toluene	0.0160 U	0.0170 U	mg/kg	
1,1,1-Trichloroethane	0.0160 U	0.0170 U	mg/kg	
1,1,2-Trichloroethane	0.0160 U	0.0170 U	mg/kg	
Trichloroethene	0.0160 U	0.0170 U	mg/kg	
Vinyl Chloride	0.0160 U	0.0170 U	mg/kg	
Xylene (total)	0.0160 U	0.0170 U	mg/kg	

TCL SEMI-VOLATILES

Acenaphthene	0.5400 U	0.5500 U	mg/kg	
Acenaphthylene	0.5400 U	0.5500 U	mg/kg	
Anthracene	0.0630 J	0.5500 U	mg/kg	
Benzo(a)anthracene	0.2100 J	0.0790 J	mg/kg	90.7
Benzo(a)pyrene	0.1700 J	0.0900 J	mg/kg	61.5
Benzo(b)fluoranthene	0.2400 J	0.1100 J	mg/kg	74.3
Benzo(g,h,i)perylene	0.1200 J	0.0750 J	mg/kg	46.2
Benzo(k)fluoranthene	0.1700 J	0.1000 J	mg/kg	51.9
bis(2-Chloroethoxy)Methane	0.5400 U	0.5500 U	mg/kg	
bis(2-Chloroethyl)Ether	0.5400 U	0.5500 U	mg/kg	
bis(2-Ethylhexyl)phthalate	0.4100 J	0.2400 J	mg/kg	52.3

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025097

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	
4-Bromophenyl-phenylether	0.5400 U	0.5500 U	mg/kg	
Butylbenzylphthalate	0.0520 J	0.0380 J	mg/kg	
Carbazole	0.0690 J	0.5500 U	mg/kg	
4-Chloro-3-Methylphenol	0.5400 U	0.5500 U	mg/kg	
4-Chloroaniline	0.5400 U	0.5500 U	mg/kg	
2-Chloronaphthalene	0.5400 U	0.5500 U	mg/kg	
2-Chlorophenol	0.5400 U	0.5500 U	mg/kg	
4-Chlorophenyl-phenylether	0.5400 U	0.5500 U	mg/kg	
Chrysene	0.2700 J	0.1100 J	mg/kg	84.2
Di-n-butylphthalate	0.0300 J	0.0310 J	mg/kg	3.3
Di-n-octylphthalate	0.7450 J	0.0310 J	mg/kg	184.0
Dibenz(a,h)anthracene	0.0450 J	0.5500 U	mg/kg	
Dibenzofuran	0.5400 U	0.5500 U	mg/kg	
1,2-Dichlorobenzene	0.5400 U	0.5500 U	mg/kg	
1,3-Dichlorobenzene	0.5400 U	0.5500 U	mg/kg	
1,4-Dichlorobenzene	0.5400 U	0.5500 U	mg/kg	
3,3'-Dichlorobenzidine	0.5400 U	0.5500 U	mg/kg	
2,4-Dichlorophenol	0.5400 U	0.5500 U	mg/kg	
Diethylphthalate	0.5400 U	0.5500 U	mg/kg	
2,4-Dimethylphenol	0.5400 U	0.5500 U	mg/kg	
Dimethylphthalate	0.5400 U	0.5500 U	mg/kg	
4,6-Dinitro-2-Methylphenol	1.4000 U	1.4000 U	mg/kg	
2,4-Dinitrophenol	1.4000 U	1.4000 U	mg/kg	
2,4-Dinitrotoluene	0.5400 U	0.5500 U	mg/kg	
2,6-Dinitrotoluene	0.5400 U	0.5500 U	mg/kg	
Fluoranthene	0.5000 J	0.1800 J	mg/kg	94.1
Fluorene	0.0440 J	0.5500 U	mg/kg	
Hexachlorobenzene	0.5400 U	0.5500 U	mg/kg	
Hexachlorobutadiene	0.5400 U	0.5500 U	mg/kg	
Hexachlorocyclopentadiene	0.5400 U	0.5500 U	mg/kg	
Hexachloroethane	0.5400 U	0.5500 U	mg/kg	
Indeno(1,2,3-cd)pyrene	0.1100 J	0.0710 J	mg/kg	43.1
Isophorone	0.5400 U	0.5500 U	mg/kg	
2-Methylnaphthalene	0.5400 U	0.5500 U	mg/kg	
2-Methylphenol	0.5400 U	0.5500 U	mg/kg	
4-Methylphenol	0.5400 U	0.5500 U	mg/kg	
Naphthalene	0.5400 U	0.5500 U	mg/kg	
2-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
3-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
4-Nitroaniline	1.4000 U	1.4000 U	mg/kg	
Nitrobenzene	0.5400 U	0.5500 U	mg/kg	
2-Nitrophenol	0.5400 U	0.5500 U	mg/kg	
4-Nitrophenol	1.4000 U	1.4000 U	mg/kg	
N-Nitroso-di-n-propylamine	0.5400 U	0.5500 U	mg/kg	
N-Nitrosodiphenylamine (1)	0.5400 U	0.5500 U	mg/kg	
2,2'-Oxybis(1-Chloropropane)	0.5400 U	0.5500 U	mg/kg	
Pentachlorophenol	1.4000 U	1.4000 U	mg/kg	
Phenanthrene	0.3400 J	0.0990 J	mg/kg	109.8
Phenol	0.5400 U	0.5500 U	mg/kg	
Pyrene	0.6000 U	0.2200 J	mg/kg	92.7
1,2,4-Trichlorobenzene	0.5400 U	0.5500 U	mg/kg	
2,4,5-Trichlorophenol	1.4000 U	1.4000 U	mg/kg	
2,4,6-Trichlorophenol	0.5400 U	0.5500 U	mg/kg	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025098

025098

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RPD (%)
4F-A004 DL01				
TCL PESTICIDES				
Aldrin	0.0004 J	0.0006 J	mg/kg	53.5
Aroclor-1016	0.0540 U	0.0550 U	mg/kg	
Aroclor-1221	0.1100 U	0.1100 U	mg/kg	
Aroclor-1232	0.0540 U	0.0550 U	mg/kg	
Aroclor-1242	0.0540 U	0.0550 U	mg/kg	
Aroclor-1248	0.0540 U	0.0550 U	mg/kg	
Aroclor-1254	0.0540 U	0.0550 U	mg/kg	
Aroclor-1260	0.0100 J	0.0100 J	mg/kg	
gamma-BHC (Lindane)	0.0028 U	0.0028 U	mg/kg	
alpha-BHC	0.0028 U	0.0028 U	mg/kg	
beta-BHC	0.0018 J	0.0021 J	mg/kg	15.4
delta-BHC	0.0028 U	0.0028 U	mg/kg	
alpha-Chlordane	0.0012 J	0.0011 J	mg/kg	8.7
gamma-Chlordane	0.0009 J	0.0005 J	mg/kg	49.7
4,4'-DDD	0.0054 U	0.0055 U	mg/kg	
4,4'-DDE	0.0008 J	0.0008 J	mg/kg	
4,4'-DDT	0.0009 J	0.0011 J	mg/kg	15.7
Dieldrin	0.0014 J	0.0013 J	mg/kg	7.4
Endosulfan I	0.0028 U	0.0028 U	mg/kg	
Endosulfan II	0.0054 U	0.0055 U	mg/kg	
Endosulfan sulfate	0.0054 U	0.0055 U	mg/kg	
Endrin	0.0054 U	0.0055 U	mg/kg	
Endrin aldehyde	0.0054 U	0.0055 U	mg/kg	
Endrin ketone	0.0054 U	0.0055 U	mg/kg	
Heptachlor	0.0028 U	0.0028 U	mg/kg	
Heptachlor epoxide	0.0028 U	0.0028 U	mg/kg	
Methoxychlor	0.0280 U	0.0280 U	mg/kg	
Toxaphene	0.2800 U	0.2800 U	mg/kg	
TCLP INORGANICS				
Arsenic	0.0035 U	0.0035 U	mg/L	
Barium	0.3200 U	0.3460 U	mg/L	7.8
Cadmium	0.0005 U	0.0005 U	mg/L	
Chromium	0.0022 U	0.0022 U	mg/L	
Lead	0.0017 B	0.0016 U	mg/L	6.1
Mercury	0.0002 U	0.0002 U	mg/L	
Selenium	0.0044 U	0.0044 U	mg/L	
Silver	0.0006 U	0.0006 U	mg/L	
TCLP VOLATILES				
Benzene	0.0500 U	0.0500 U	mg/L	
2-Butanone	0.1000 U	0.1000 U	mg/L	
Carbon Tetrachloride	0.0500 U	0.0500 U	mg/L	
Chlorobenzene	0.0500 U	0.0500 U	mg/L	
Chloroform	0.0250 U	0.0250 U	mg/L	
1,2-Dichloroethane	0.0250 U	0.0250 U	mg/L	
1,1-Dichloroethene	0.0250 U	0.0250 U	mg/L	
Tetrachloroethene	0.0500 U	0.0500 U	mg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RP (%)
Trichloroethene	0.0250 U	0.0250 U	mg/L	
Vinyl Chloride	0.0500 U	0.0500 U	mg/L	
4F-A004 DL01	TCPL SEMI-VOLATILES			
1,4-Dichlorobenzene	0.0500 U	0.0500 U	mg/L	
2,4-Dinitrotoluene	0.0500 U	0.0500 U	mg/L	
Hexachlorobenzene	0.0750 U	0.0750 U	mg/L	
Hexachlorobutadiene	0.0250 U	0.0250 U	mg/L	
Hexachloroethane	0.0500 U	0.0500 U	mg/L	
2-Methylphenol	0.1000 U	0.1000 U	mg/L	
3-Methylphenol	0.1800 U	0.1800 U	mg/L	
4-Methylphenol	0.1800 U	0.1800 U	mg/L	
Nitrobenzene	0.0500 U	0.0500 U	mg/L	
Pentachlorophenol	0.2800 U	0.2800 U	mg/L	
Pyridine	0.1000 U	0.1000 U	mg/L	
2,4,5-Trichlorophenol	0.1200 U	0.1200 U	mg/L	
2,4,6-Trichlorophenol	0.1200 U	0.1200 U	mg/L	
	TCPL PESTICIDES			
gamma-BHC (Lindane)	0.2000 U	0.2000 U	mg/L	
Chlordane	0.0150 U	0.0150 U	mg/L	
2,4-Dichlorophenoxyacetic ac	5.0000 U	5.0000 U	mg/L	
Endrin	0.0100 U	0.0100 U	mg/L	
Heptachlor	0.0040 U	0.0040 U	mg/L	
Heptachlor epoxide	0.0040 U	0.0040 U	mg/L	
Methoxychlor	5.0000 U	5.0000 U	mg/L	
2,4,5-TP (Silvex)	0.5000 U	0.5000 U	mg/L	
Toxaphene	0.2500 U	0.2500 U	mg/L	
	WET CHEMISTRY			
TOC	9,020.0000	7,980.0000	mg/kg	24.1
4F-A004 WL01	TAL TOTAL INORGANICS			
Aluminum	5,830.0000	6,380.0000	µg/L	9.0
Antimony	38.6000 U	38.6000 U	µg/L	
Arsenic	1.0000 U	1.9000	µg/L	62.1
Barium	41.0000	42.2000	µg/L	2.9
Beryllium	0.4600	0.3000 U	µg/L	42.1
Cadmium	3.4000 U	3.4000 U	µg/L	
Calcium	38,200.0000	39,600.0000	µg/L	3.6
Chromium	10.5000	9.5000	µg/L	10.0
Cobalt	5.2000 U	5.2000 U	µg/L	
Copper	10.4000 UC	8.5000 UC	µg/L	
Iron	6,740.0000	6,990.0000	µg/L	3.6
Lead	8.2000	8.2000	µg/L	
Magnesium	2,810.0000	3,000.0000	µg/L	6.5
Manganese	127.0000	128.0000	µg/L	0.8
Mercury	0.1000 U	0.1100	µg/L	9.5

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units	RI (%)
Nickel	20.6000 —	21.8000 —	µg/L	5
Potassium	5,330.0000 —	5,380.0000 —	µg/L	0
Selenium	0.8000 U	0.8000 U	µg/L	
Silver	9.0000 U	9.0000 U	µg/L	
Sodium	3,580.0000 —	3,660.0000 —	µg/L	2.2
Thallium	0.7000 U	0.7000 U	µg/L	
Vanadium	16.9000 —	17.6000 —	µg/L	4.1
Zinc	45.4000 —	43.1000 —	µg/L	5.2

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TAL DISSOLVED INORGANICS

Aluminum	51.3000 UC	91.4000 UC	µg/L	
Antimony	38.6000 U	38.6000 U	µg/L	
Arsenic	1.0000 U	1.0000 U	µg/L	
Barium	14.5000 —	15.9000 —	µg/L	9.2
Beryllium	0.3000 U	0.3000 U	µg/L	
Cadmium	3.4000 U	3.4000 U	µg/L	
Calcium	27,800.0000 —	28,700.0000 —	µg/L	3.2
Chromium	3.6000 U	3.6000 U	µg/L	
Cobalt	5.2000 U	5.2000 U	µg/L	
Copper	8.9000 UC	9.9000 UC	µg/L	
Iron	86.2000 —	138.0000 —	µg/L	46.2
Lead	2.7000 —	0.6000 U	µg/L	127.3
Magnesium	1,760.0000 —	1,820.0000 —	µg/L	3.4
Manganese	2.2000 —	3.0000 —	µg/L	30.8
Mercury	0.1000 U	0.1000 U	µg/L	
Nickel	14.4000 U	16.4000 —	µg/L	13.0
Potassium	3,580.0000 —	4,190.0000 —	µg/L	15.7
Selenium	0.8000 U	0.8000 U	µg/L	
Silver	9.0000 U	9.0000 U	µg/L	
Sodium	3,590.0000 —	3,560.0000 —	µg/L	0.8
Thallium	0.7000 U	0.7000 U	µg/L	
Vanadium	2.5000 U	2.5000 U	µg/L	
Zinc	4.6000 —	7.8000 —	µg/L	51.6

TCL VOLATILES

Acetone	10.0000 U	10.0000 U	µg/L	
Benzene	10.0000 U	10.0000 U	µg/L	
Bromodichloromethane	10.0000 U	10.0000 U	µg/L	
Bromoform	10.0000 U	10.0000 U	µg/L	
Bromomethane	10.0000 U	10.0000 U	µg/L	
2-Butanone	10.0000 U	10.0000 U	µg/L	
Carbon Disulfide	10.0000 U	10.0000 U	µg/L	
Carbon Tetrachloride	10.0000 U	10.0000 U	µg/L	
Chlorobenzene	10.0000 U	10.0000 U	µg/L	
Chloroethane	10.0000 U	10.0000 U	µg/L	
Chloroform	10.0000 U	10.0000 U	µg/L	
Chloromethane	10.0000 U	10.0000 U	µg/L	
Dibromochloromethane	10.0000 U	10.0000 U	µg/L	
1,1-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethane	10.0000 U	10.0000 U	µg/L	
1,2-Dichloroethene (total)	10.0000 U	10.0000 U	µg/L	

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifer*	Sample 2 Conc. & Qualifer*	Units
1,1-Dichloroethene	10.0000 U	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	10.0000 U	µg/L
Ethylbenzene	10.0000 U	10.0000 U	µg/L
2-Hexanone	10.0000 U	10.0000 U	µg/L
4-Methyl-2-Pentanone	10.0000 U	10.0000 U	µg/L
Methylene Chloride	13.0000 B	10.0000 U	µg/L
Styrene	10.0000 U	10.0000 U	µg/L
1,1,2,2-Tetrachloroethane	10.0000 U	10.0000 U	µg/L
Tetrachloroethene	10.0000 U	10.0000 U	µg/L
Toluene	10.0000 U	10.0000 U	µg/L
1,1,1-Trichloroethane	10.0000 U	10.0000 U	µg/L
1,1,2-Trichloroethane	10.0000 U	10.0000 U	µg/L
Trichloroethene	10.0000 U	10.0000 U	µg/L
Vinyl Chloride	10.0000 U	10.0000 U	µg/L
Xylene (total)	10.0000 U	10.0000 U	µg/L

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26.1

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TCL SEMI-VOLATILES

Acenaphthene	10.0000 U	10.0000 U	µg/L
Acenaphthylene	10.0000 U	10.0000 U	µg/L
Anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) anthracene	10.0000 U	10.0000 U	µg/L
Benzo (a) pyrene	10.0000 U	10.0000 U	µg/L
Benzo (b) fluoranthene	10.0000 U	10.0000 U	µg/L
Benzo (g,h,i) perylene	10.0000 U	10.0000 U	µg/L
Benzo (k) fluoranthene	10.0000 U	10.0000 U	µg/L
bis (2-Chloroethoxy) Methane	10.0000 U	10.0000 U	µg/L
bis (2-Chloroethyl) Ether	10.0000 U	10.0000 U	µg/L
bis (2-Ethylhexyl) phthalate	10.0000 U	10.0000 U	µg/L
4-Bromophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Butylbenzylphthalate	10.0000 U	10.0000 U	µg/L
Carbazole	10.0000 U	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	10.0000 U	µg/L
Chrysene	10.0000 U	10.0000 U	µg/L
Di-n-butylphthalate	10.0000 U	10.0000 U	µg/L
Di-n-octylphthalate	10.0000 U	10.0000 U	µg/L
Dibenz (a,h) anthracene	10.0000 U	10.0000 U	µg/L
Dibenzofuran	10.0000 U	10.0000 U	µg/L
1,2-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,3-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
1,4-Dichlorobenzene	10.0000 U	10.0000 U	µg/L
3,3'-Dichlorobenzidine	10.0000 U	10.0000 U	µg/L
2,4-Dichlorophenol	10.0000 U	10.0000 U	µg/L
Diethylphthalate	10.0000 U	10.0000 U	µg/L
2,4-Dimethylphenol	10.0000 U	10.0000 U	µg/L
Dimethylphthalate	10.0000 U	10.0000 U	µg/L
4,6-Dinitro-2-Methylphenol	25.0000 U	25.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025102

Remedial Investigation Comparison of Results for Duplicate Samples

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Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
2,4-Dinitrophenol	25.0000 U	25.0000 U	µg/L
2,4-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
2,6-Dinitrotoluene	10.0000 U	10.0000 U	µg/L
Fluoranthene	10.0000 U	10.0000 U	µg/L
Fluorene	10.0000 U	10.0000 U	µg/L
Hexachlorobenzene	10.0000 U	10.0000 U	µg/L
Hexachlorobutadiene	10.0000 U	10.0000 U	µg/L
Hexachlorocyclopentadiene	10.0000 U	10.0000 U	µg/L
Hexachloroethane	10.0000 U	10.0000 U	µg/L
Indeno(1,2,3-cd)pyrene	10.0000 U	10.0000 U	µg/L
Isophorone	10.0000 U	10.0000 U	µg/L
2-Methylnaphthalene	10.0000 U	10.0000 U	µg/L
2-Methylphenol	10.0000 U	10.0000 U	µg/L
4-Methylphenol	10.0000 U	10.0000 U	µg/L
Naphthalene	10.0000 U	10.0000 U	µg/L
2-Nitroaniline	25.0000 U	25.0000 U	µg/L
3-Nitroaniline	25.0000 U	25.0000 U	µg/L
4-Nitroaniline	25.0000 U	25.0000 U	µg/L
Nitrobenzene	10.0000 U	10.0000 U	µg/L
2-Nitrophenol	10.0000 U	10.0000 U	µg/L
4-Nitrophenol	25.0000 U	25.0000 U	µg/L
N-Nitroso-di-n-propylamine	10.0000 U	10.0000 U	µg/L
N-Nitrosodiphenylamine (1)	10.0000 U	10.0000 U	µg/L
2,2'-Oxybis(1-Chloropropane)	10.0000 U	10.0000 U	µg/L
Pentachlorophenol	25.0000 U	25.0000 U	µg/L
Phenanthrene	10.0000 U	10.0000 U	µg/L
Phenol	10.0000 U	10.0000 U	µg/L
Pyrene	10.0000 U	10.0000 U	µg/L
1,2,4-Trichlorobenzene	10.0000 U	10.0000 U	µg/L
2,4,5-Trichlorophenol	25.0000 U	25.0000 U	µg/L
2,4,6-Trichlorophenol	10.0000 U	10.0000 U	µg/L

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TCL PESTICIDES

Aldrin	0.0500 U	0.0500 U	µg/L
Aroclor-1016	1.0000 U	1.0000 U	µg/L
Aroclor-1221	2.0000 U	2.0000 U	µg/L
Aroclor-1232	1.0000 U	1.0000 U	µg/L
Aroclor-1242	1.0000 U	1.0000 U	µg/L
Aroclor-1248	1.0000 U	1.0000 U	µg/L
Aroclor-1254	1.0000 UJv	1.0000 UJv	µg/L
Aroclor-1260	1.0000 UJv	1.0000 UJv	µg/L
gamma-BHC (Lindane)	0.0500 U	0.0500 U	µg/L
alpha-BHC	0.0500 U	0.0500 U	µg/L
beta-BHC	0.0500 U	0.0500 U	µg/L
delta-BHC	0.0500 U	0.0500 U	µg/L
alpha-Chlordane	0.0500 U	0.0500 U	µg/L
gamma-Chlordane	0.0500 U	0.0500 U	µg/L
4,4'-DDD	0.1000 UJv	0.1000 UJv	µg/L
4,4'-DDE	0.1000 U	0.1000 U	µg/L
4,4'-DDT	0.1000 UJv	0.1000 UJv	µg/L
Dieldrin	0.1000 U	0.1000 U	µg/L
Endosulfan I	0.0500 U	0.0500 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025103

Remedial Investigation Comparison of Results for Duplicate Samples

Sample ID/Parameter	Sample 1 Conc. & Qualifier*	Sample 2 Conc. & Qualifier*	Units
Endosulfan II	0.1000 UJv	0.1000 UJv	µg/L
Endosulfan sulfate	0.1000 UJv	0.1000 UJv	µg/L
Endrin	0.1000 U	0.1000 U	µg/L
Endrin aldehyde	0.1000 UJv	0.1000 UJv	µg/L
Endrin ketone	0.1000 UJv	0.1000 UJv	µg/L
Heptachlor	0.0500 U	0.0500 U	µg/L
Heptachlor epoxide	0.0500 U	0.0500 U	µg/L
Methoxychlor	0.5000 UJv	0.5000 UJv	µg/L
Toxaphene	5.0000 UJv	5.0000 UJv	µg/L

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WET CHEMISTRY

TOC	10,600.0000	9,250.0000	µg/L	13.6
TDS	116,000.0000	117,000.0000	µg/L	0.9
TSS	164,000.0000	154,000.0000	µg/L	6.3

* See Attachment B-2 for definitions of the qualifiers.

** RPD = Relative Percent difference

025105

Appendix B-4
Remedial Investigation Data Quality Information
QA/QC Sample Results - Field Blanks, Equipment,
Rinseates, and Trip Blank

025105

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Quali
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025106

FIELD BLANKS

1A-S072 SL03 TAL Total Inorganics

Aluminum	43.9000	J	mg/kg
Antimony	0.3700	J	mg/kg
Arsenic	0.4500	UJ	mg/kg
Barium	1.2000	—	mg/kg
Beryllium	0.1500	U	mg/kg
Cadmium	0.1500	U	mg/kg
Calcium	82.2000	J	mg/kg
Chromium	0.4700	JV	mg/kg
Cobalt	0.1700	—	mg/kg
Copper	0.5600	J	mg/kg
Iron	311.0000	—	mg/kg
Lead	2.0000	J	mg/kg
Magnesium	7.8000	J	mg/kg
Manganese	3.1000	—	mg/kg
Mercury	0.1000	UR	mg/kg
Nickel	0.1500	UJ	mg/kg
Potassium	37.1000	J	mg/kg
Selenium	0.4500	UJ	mg/kg
Silver	0.1500	U	mg/kg
Sodium	16.4000	UJ	mg/kg
Thallium	0.4500	U	mg/kg
Vanadium	0.8700	—	mg/kg
Zinc	1.7000	J	mg/kg

1C-A001 DL03 TAL Total Inorganics

Aluminum	79.5000	J	mg/kg
Antimony	1.0000	U	mg/kg
Arsenic	1.4000	U	mg/kg
Barium	2.1000	—	mg/kg
Beryllium	0.2000	U	mg/kg
Cadmium	0.4000	U	mg/kg
Calcium	321.0000	—	mg/kg
Chromium	1.0000	U	mg/kg
Cobalt	0.5700	—	mg/kg
Copper	7.5000	—	mg/kg
Iron	474.0000	—	mg/kg
Lead	3.8000	JV	mg/kg
Magnesium	32.6000	—	mg/kg
Manganese	6.7000	—	mg/kg
Mercury	0.1000	U	mg/kg
Nickel	2.0000	U	mg/kg
Potassium	40.1000	—	mg/kg
Selenium	1.0000	U	mg/kg
Silver	0.6000	U	mg/kg
Sodium	117.0000	J	mg/kg
Thallium	1.4000	U	mg/kg
Vanadium	1.2000	—	mg/kg
Zinc	9.3000	—	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier
1C-A001 DL03	TCL Volatiles	
	Acetone	0.0850 UJ mg/kg
	Benzene	0.0100 UJv mg/kg
	Bromodichloromethane	0.0100 UJv mg/kg
	Bromoform	0.0100 UJv mg/kg
	Bromomethane	0.0100 UJv mg/kg
	2-Butanone	0.0100 UJv mg/kg
	Carbon Disulfide	0.0100 UJv mg/kg
	Carbon Tetrachloride	0.0100 UJv mg/kg
	Chlorobenzene	0.0100 UJv mg/kg
	Chloroethane	0.0100 UJv mg/kg
	Chloroform	0.0100 UJv mg/kg
	Chloromethane	0.0100 UJv mg/kg
	Dibromochloromethane	0.0100 UJv mg/kg
	1,1-Dichloroethane	0.0100 UJv mg/kg
	1,2-Dichloroethane	0.0100 UJv mg/kg
	1,2-Dichloroethene (total)	0.0100 UJv mg/kg
	1,1-Dichloroethene	0.0100 UJv mg/kg
	1,2-Dichloropropane	0.0100 UJv mg/kg
	cis-1,3-Dichloropropene	0.0100 UJv mg/kg
	trans-1,3-Dichloropropene	0.0100 UJv mg/kg
	Ethylbenzene	0.0100 UJv mg/kg
	2-Hexanone	0.0100 UJv mg/kg
	4-Methyl-2-Pentanone	0.0100 UJv mg/kg
	Methylene Chloride	0.0850 UJ mg/kg
	Styrene	0.0100 UJv mg/kg
	1,1,2,2-Tetrachloroethane	0.0100 UJv mg/kg
	Tetrachloroethene	0.0100 UJv mg/kg
	Toluene	0.0100 UJv mg/kg
	1,1,1-Trichloroethane	0.0100 UJv mg/kg
	1,1,2-Trichloroethane	0.0100 UJv mg/kg
	Trichloroethene	0.0100 UJv mg/kg
	Vinyl Chloride	0.0100 UJv mg/kg
	Xylene (total)	0.0100 UJv mg/kg
	TCL Semi-Volatiles	
	Acenaphthene	0.3300 U mg/kg
	Acenaphthylene	0.3300 U mg/kg
	Anthracene	0.3300 U mg/kg
	Benzo (a) anthracene	0.3300 U mg/kg
	Benzo (a) pyrene	0.3300 U mg/kg
	Benzo (b) fluoranthene	0.3300 U mg/kg
	Benzo (g,h,i) perylene	0.3300 U mg/kg
	Benzo (k) fluoranthene	0.3300 U mg/kg
	bis (2-Chloroethoxy) Methane	0.3300 U mg/kg
	bis (2-Chloroethyl) Ether	0.3300 U mg/kg
	bis (2-Ethylhexyl) phthalate	0.3300 U mg/kg
	4-Bromophenyl-phenylether	0.3300 U mg/kg
	Butylbenzylphthalate	0.3300 U mg/kg
	Carbazole	0.3300 U mg/kg
	4-Chloro-3-Methylphenol	0.3300 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qu.	r*
	4-Chloroaniline	0.3300 U	/kg
	2-Chloronaphthalene	0.3300 U	/kg
	2-Chlorophenol	0.3300 U	/kg
	4-Chlorophenyl-phenylether	0.3300 U	/kg
	Chrysene	0.3300 U	/kg
	Di-n-butylphthalate	0.3300 U	mg/kg
	Di-n-octylphthalate	0.3300 U	mg/kg
	Dibenz (a, h) anthracene	0.3300 U	mg/kg
	Dibenzofuran	0.3300 U	mg/kg
	1,2-Dichlorobenzene	0.3300 U	mg/kg
	1,3-Dichlorobenzene	0.3300 U	mg/kg
	1,4-Dichlorobenzene	0.3300 U	mg/kg
	3,3'-Dichlorobenzidine	0.3300 U	mg/kg
	2,4-Dichlorophenol	0.3300 U	mg/kg
	Diethylphthalate	0.3300 U	mg/kg
	2,4-Dimethylphenol	0.3300 U	mg/kg
	Dimethylphthalate	0.3300 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.7900 U	mg/kg
	2,4-Dinitrophenol	0.7900 U	mg/kg
	2,4-Dinitrotoluene	0.3300 U	mg/kg
	2,6-Dinitrotoluene	0.3300 U	mg/kg
	Fluoranthene	0.3300 U	mg/kg
	Fluorene	0.3300 U	mg/kg
	Hexachlorobenzene	0.3300 U	mg/kg
	Hexachlorobutadiene	0.3300 U	mg/kg
	Hexachlorocyclopentadiene	0.3300 U	mg/kg
	Hexachloroethane	0.3300 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.3300 U	mg/kg
	Isophorone	0.3300 U	mg/kg
	2-Methylnaphthalene	0.3300 U	mg/kg
	2-Methylphenol	0.3300 U	mg/kg
	4-Methylphenol	0.3300 U	mg/kg
	Naphthalene	0.3300 U	mg/kg
	2-Nitroaniline	0.7900 U	mg/kg
	3-Nitroaniline	0.7900 U	mg/kg
	4-Nitroaniline	0.7900 U	mg/kg
	Nitrobenzene	0.3300 U	mg/kg
	2-Nitrophenol	0.3300 U	mg/kg
	4-Nitrophenol	0.7900 U	mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.3300 U	mg/kg
	Pentachlorophenol	0.7900 U	mg/kg
	Phenanthrene	0.3300 U	mg/kg
	Phenol	0.3300 U	mg/kg
	Pyrene	0.3300 U	mg/kg
	1,2,4-Trichlorobenzene	0.3300 U	mg/kg
	2,4,5-Trichlorophenol	0.7900 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg
1C-A001 DL03	TCL Pesticides		
	Aldrin	0.0017 U	mg/kg
	Aroclor-1016	0.0330 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifi	
	Aroclor-1221	0.0660 U	mg
	Aroclor-1232	0.0330 U	mg
	Aroclor-1242	0.0330 U	mg
	Aroclor-1248	0.0330 U	mg/kg
	Aroclor-1254	0.0330 U	mg/kg
	Aroclor-1260	0.0330 U	mg/kg
	gamma-BHC (Lindane)	0.0017 U	mg/kg
	alpha-BHC	0.0017 U	mg/kg
	beta-BHC	0.0017 U	mg/kg
	delta-BHC	0.0017 U	mg/kg
	alpha-Chlordane	0.0017 U	mg/kg
	gamma-Chlordane	0.0017 U	mg/kg
	4,4'-DDD	0.0033 U	mg/kg
	4,4'-DDE	0.0033 U	mg/kg
	4,4'-DDT	0.0033 U	mg/kg
	Dieldrin	0.0033 U	mg/kg
	Endosulfan I	0.0017 U	mg/kg
	Endosulfan II	0.0033 U	mg/kg
	Endosulfan sulfate	0.0033 U	mg/kg
	Endrin	0.0033 U	mg/kg
	Endrin aldehyde	0.0033 U	mg/kg
	Endrin ketone	0.0033 U	mg/kg
	Heptachlor	0.0017 U	mg/kg
	Heptachlor epoxide	0.0017 U	mg/kg
	Methoxychlor	0.0170 U	mg/kg
	Toxaphene	0.1700 U	mg/kg

1C-A001 WL03 TAL Total Inorganics

Aluminum	38.5000 U	µg/L
Antimony	5.0000 U	µg/L
Arsenic	7.0000 U	µg/L
Barium	1.3000 U	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	2.0000 U	µg/L
Calcium	713.0000 U	µg/L
Chromium	5.0000 U	µg/L
Cobalt	2.0000 U	µg/L
Copper	8.7000 U	µg/L
Iron	60.0000 U	µg/L
Lead	3.0000 U	µg/L
Magnesium	111.0000 U	µg/L
Manganese	1.0000 U	µg/L
Mercury	0.2000 U	µg/L
Nickel	10.0000 U	µg/L
Potassium	200.0000 U	µg/L
Selenium	5.0000 U	µg/L
Silver	3.0000 U	µg/L
Sodium	1,550.0000 U	µg/L
Thallium	7.0000 U	µg/L
Vanadium	2.0000 U	µg/L
Zinc	4.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qual.	
1C-A001 WL03	TAL Dissolved Inorganics		025110
	Aluminum	62.4000 UC	
	Antimony	7.7000	
	Arsenic	7.0000 U	
	Barium	1.0000 U	µg/L
	Beryllium	1.0000	µg/L
	Cadmium	2.0000 U	µg/L
	Calcium	595.0000	µg/L
	Chromium	5.0000 U	µg/L
	Cobalt	2.0000 U	µg/L
	Copper	4.5000	µg/L
	Iron	60.0000 U	µg/L
	Lead	3.0000 U	µg/L
	Magnesium	77.8000	µg/L
	Manganese	1.0000 U	µg/L
	Mercury	0.2000	µg/L
	Nickel	10.0000 U	µg/L
	Potassium	407.0000	µg/L
	Selenium	5.0000 U	µg/L
	Silver	3.0000 U	µg/L
	Sodium	1,120.0000	µg/L
	Thallium	7.0000 U	µg/L
	Vanadium	2.0000 U	µg/L
	Zinc	4.0000 U	µg/L
	TCL Volatiles		
	Acetone	10.0000 U	µg/L
	Benzene	10.0000 U	µg/L
	Bromodichloromethane	10.0000 U	µg/L
	Bromoform	10.0000 U	µg/L
	Bromomethane	10.0000 U	µg/L
	2-Butanone	10.0000 U	µg/L
	Carbon Disulfide	10.0000 U	µg/L
	Carbon Tetrachloride	10.0000 U	µg/L
	Chlorobenzene	10.0000 U	µg/L
	Chloroethane	10.0000 U	µg/L
	Chloroform	2.0000 U	µg/L
	Chloromethane	10.0000 U	µg/L
	Dibromochloromethane	10.0000 U	µg/L
	1,1-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethene (total)	10.0000 U	µg/L
	1,1-Dichloroethene	10.0000 U	µg/L
	1,2-Dichloropropane	10.0000 U	µg/L
	cis-1,3-Dichloropropene	10.0000 U	µg/L
	trans-1,3-Dichloropropene	10.0000 U	µg/L
	Ethylbenzene	10.0000 U	µg/L
	2-Hexanone	10.0000 U	µg/L
	4-Methyl-2-Pentanone	10.0000 U	µg/L
	Methylene Chloride	10.0000 U	µg/L
	Styrene	10.0000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Tetrachloroethene	10.0000 U	µg/L
	Toluene	10.0000 U	µg/L
	1,1,1-Trichloroethane	10.0000 U	µg/L
	1,1,2-Trichloroethane	10.0000 U	µg/L
	Trichloroethene	10.0000 U	µg/L
	Vinyl Chloride	10.0000 U	µg/L
	Xylene (total)	10.0000 U	µg/L
1C-A001 WL03	TCL Semi-Volatiles		
	Acenaphthene	10.0000 U	µg/L
	Acenaphthylene	10.0000 U	µg/L
	Anthracene	10.0000 U	µg/L
	Benzo (a) anthracene	10.0000 U	µg/L
	Benzo (a) pyrene	10.0000 U	µg/L
	Benzo (b) fluoranthene	10.0000 U	µg/L
	Benzo (g,h,i) perylene	10.0000 U	µg/L
	Benzo (k) fluoranthene	10.0000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.0000 U	µg/L
	bis (2-Chloroethyl) Ether	10.0000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.0000 U	µg/L
	4-Bromophenyl-phenylether	10.0000 U	µg/L
	Butylbenzylphthalate	10.0000 U	µg/L
	Carbazole	10.0000 U	µg/L
	4-Chloro-3-Methylphenol	10.0000 U	µg/L
	4-Chloroaniline	10.0000 U	µg/L
	2-Chloronaphthalene	10.0000 U	µg/L
	2-Chlorophenol	10.0000 U	µg/L
	4-Chlorophenyl-phenylether	10.0000 U	µg/L
	Chrysene	10.0000 U	µg/L
	Di-n-butylphthalate	10.0000 U	µg/L
	Di-n-octylphthalate	10.0000 U	µg/L
	Dibenz (a,h) anthracene	10.0000 U	µg/L
	Dibenzofuran	10.0000 U	µg/L
	1,2-Dichlorobenzene	10.0000 U	µg/L
	1,3-Dichlorobenzene	10.0000 U	µg/L
	1,4-Dichlorobenzene	10.0000 U	µg/L
	3,3'-Dichlorobenzidine	10.0000 U	µg/L
	2,4-Dichlorophenol	10.0000 U	µg/L
	Diethylphthalate	10.0000 U	µg/L
	2,4-Dimethylphenol	10.0000 U	µg/L
	Dimethylphthalate	10.0000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U	µg/L
	2,4-Dinitrophenol	25.0000 U	µg/L
	2,4-Dinitrotoluene	10.0000 U	µg/L
	2,6-Dinitrotoluene	10.0000 U	µg/L
	Fluoranthene	10.0000 U	µg/L
	Fluorene	10.0000 U	µg/L
	Hexachlorobenzene	10.0000 U	µg/L
	Hexachlorobutadiene	10.0000 U	µg/L
	Hexachlorocyclopentadiene	10.0000 U	µg/L
	Hexachloroethane	10.0000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U	µg/L
	Isophorone	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025111

025111

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

025112

1C-A001 WL03 TCL Pesticides

Aldrin	0.0500 U µg/L
Aroclor-1016	1.0000 U µg/L
Aroclor-1221	2.0000 U µg/L
Aroclor-1232	1.0000 U µg/L
Aroclor-1242	1.0000 U µg/L
Aroclor-1248	1.0000 U µg/L
Aroclor-1254	1.0000 U µg/L
Aroclor-1260	1.0000 U µg/L
gamma-BHC (Lindane)	0.0500 U µg/L
alpha-BHC	0.0500 U µg/L
beta-BHC	0.0500 U µg/L
delta-BHC	0.0500 U µg/L
alpha-Chlordane	0.0500 U µg/L
gamma-Chlordane	0.0500 U µg/L
4,4'-DDD	0.1000 U µg/L
4,4'-DDE	0.1000 U µg/L
4,4'-DDT	0.1000 U µg/L
Dieldrin	0.1000 U µg/L
Endosulfan I	0.0500 U µg/L
Endosulfan II	0.1000 U µg/L
Endosulfan sulfate	0.1000 U µg/L
Endrin	0.1000 U µg/L
Endrin aldehyde	0.1000 U µg/L
Endrin ketone	0.1000 U µg/L
Heptachlor	0.0500 U µg/L
Heptachlor epoxide	0.0500 U µg/L
Methoxychlor	0.5000 U µg/L
Toxaphene	5.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
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1C-A001 WL03 Wet Chemistry

TOC	1,130.0000	µg
TDS	5,180,000.0000	µg
TSS	14,000.0000	µg

3A-S001 GW03 TAL Total Inorganics

Aluminum	186.0000	LJ	µg/L
Antimony	4.5000	U	µg/L
Arsenic	2.6000	U	µg/L
Barium	0.5000	U	µg/L
Beryllium	0.4200	ULC	µg/L
Cadmium	4.5000	U	µg/L
Calcium	92.5000	L	µg/L
Chromium	2.8000	U	µg/L
Cobalt	7.1000	U	µg/L
Copper	0.9000	U	µg/L
Iron	20.3000	U	µg/L
Lead	1.9000	U	µg/L
Magnesium	10.1000	L	µg/L
Manganese	0.5300	L	µg/L
Mercury	0.2000	U	µg/L
Nickel	4.0000	U	µg/L
Potassium	62.9000	ULC	µg/L
Selenium	3.1000	U	µg/L
Silver	0.6000	U	µg/L
Sodium	706.0000	LJv	µg/L
Thallium	3.8000	U	µg/L
Vanadium	0.5000	U	µg/L
Zinc	2.1000	UJ	µg/L

TAL Dissolved Inorganics

Aluminum	184.0000	LJ	µg/L
Antimony	4.5000	U	µg/L
Arsenic	2.6000	U	µg/L
Barium	0.5000	U	µg/L
Beryllium	0.4300	ULC	µg/L
Cadmium	4.5000	U	µg/L
Calcium	59.0000	L	µg/L
Chromium	2.8000	U	µg/L
Cobalt	7.1000	U	µg/L
Copper	0.9000	U	µg/L
Iron	20.3000	U	µg/L
Lead	1.9000	U	µg/L
Magnesium	10.6000	L	µg/L
Manganese	0.5000	U	µg/L
Mercury	0.2000	U	µg/L
Nickel	4.0000	U	µg/L
Potassium	60.4000	ULC	µg/L
Selenium	3.1000	U	µg/L
Silver	0.6000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025113

025113

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Sodium	289.0000	LJv µg/L
	Thallium	3.8000	U µg/L
	Vanadium	0.5000	U µg/L
	Zinc	2.1000	UJ µg/L
3A-S001 GW03	TCL Volatiles		
	Acetone	10.0000	U µg/L
	Benzene	10.0000	U µg/L
	Bromodichloromethane	10.0000	U µg/L
	Bromoform	10.0000	U µg/L
	Bromomethane	10.0000	U µg/L
	2-Butanone	10.0000	U µg/L
	Carbon Disulfide	10.0000	U µg/L
	Carbon Tetrachloride	10.0000	U µg/L
	Chlorobenzene	10.0000	U µg/L
	Chloroethane	10.0000	U µg/L
	Chloroform	10.0000	U µg/L
	Chloromethane	10.0000	U µg/L
	Dibromochloromethane	10.0000	U µg/L
	1,1-Dichloroethane	10.0000	U µg/L
	1,2-Dichloroethane	10.0000	U µg/L
	1,2-Dichloroethene (total)	10.0000	U µg/L
	1,1-Dichloroethene	10.0000	U µg/L
	1,2-Dichloropropane	10.0000	U µg/L
	cis-1,3-Dichloropropene	10.0000	U µg/L
	trans-1,3-Dichloropropene	10.0000	U µg/L
	Ethylbenzene	10.0000	U µg/L
	2-Hexanone	10.0000	U µg/L
	4-Methyl-2-Pentanone	10.0000	U µg/L
	Methylene Chloride	10.0000	U µg/L
	Styrene	10.0000	U µg/L
	1,1,2,2-Tetrachloroethane	10.0000	U µg/L
	Tetrachloroethene	10.0000	U µg/L
	Toluene	10.0000	U µg/L
	1,1,1-Trichloroethane	10.0000	U µg/L
	1,1,2-Trichloroethane	10.0000	U µg/L
	Trichloroethene	10.0000	U µg/L
	Vinyl Chloride	10.0000	U µg/L
	Xylene (total)	10.0000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.0000	U µg/L
	Acenaphthylene	10.0000	U µg/L
	Anthracene	10.0000	U µg/L
	Benzo (a) anthracene	10.0000	U µg/L
	Benzo (a) pyrene	10.0000	U µg/L
	Benzo (b) fluoranthene	10.0000	U µg/L
	Benzo (g,h,i) perylene	10.0000	U µg/L
	Benzo (k) fluoranthene	10.0000	U µg/L
	bis (2-Chloroethoxy) Methane	10.0000	U µg/L
	bis (2-Chloroethyl) Ether	10.0000	U µg/L
	bis (2-Ethylhexyl) phthalate	10.0000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

025114

025114

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
	4-Bromophenyl-phenylether	10.0000 U µg/
	Butylbenzylphthalate	10.0000 U µg/
	Carbazole	10.0000 U µg/
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	10.0000 U µg/L
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz (a, h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	10.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	10.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

025115

025115

Remedial Investigation QA/QC Sample Results

025116

Location & Sample Number	Analysis/Parameter	Result & Qualifier
3A-S001 GW03	TCL Pesticides	
	Aldrin	0.0500 U $\mu\text{g/L}$
	Aroclor-1016	1.0000 U $\mu\text{g/L}$
	Aroclor-1221	2.0000 U $\mu\text{g/L}$
	Aroclor-1232	1.0000 U $\mu\text{g/L}$
	Aroclor-1242	1.0000 U $\mu\text{g/L}$
	Aroclor-1248	1.0000 U $\mu\text{g/L}$
	Aroclor-1254	1.0000 U $\mu\text{g/L}$
	Aroclor-1260	1.0000 U $\mu\text{g/L}$
	gamma-BHC (Lindane)	0.0500 U $\mu\text{g/L}$
	alpha-BHC	0.0500 U $\mu\text{g/L}$
	beta-BHC	0.0500 U $\mu\text{g/L}$
	delta-BHC	0.0500 U $\mu\text{g/L}$
	alpha-Chlordane	0.0500 U $\mu\text{g/L}$
	gamma-Chlordane	0.0500 U $\mu\text{g/L}$
	4,4'-DDD	0.1000 U $\mu\text{g/L}$
	4,4'-DDE	0.1000 U $\mu\text{g/L}$
	4,4'-DDT	0.1000 U $\mu\text{g/L}$
	Dieldrin	0.1000 U $\mu\text{g/L}$
	Endosulfan I	0.0500 U $\mu\text{g/L}$
	Endosulfan II	0.1000 U $\mu\text{g/L}$
	Endosulfan sulfate	0.1000 U $\mu\text{g/L}$
	Endrin	0.1000 U $\mu\text{g/L}$
	Endrin aldehyde	0.1000 U $\mu\text{g/L}$
	Endrin ketone	0.1000 U $\mu\text{g/L}$
	Heptachlor	0.0500 U $\mu\text{g/L}$
	Heptachlor epoxide	0.0500 U $\mu\text{g/L}$
	Methoxychlor	0.5000 U $\mu\text{g/L}$
	Toxaphene	5.0000 U $\mu\text{g/L}$
	Wet Chemistry	
	Total Alkalinity	10,000.0000 < $\mu\text{g/L}$
	Chloride	3,000.0000 < $\mu\text{g/L}$
	Fluoride	100.0000 < $\mu\text{g/L}$
	Nitrate	100.0000 < $\mu\text{g/L}$
	Oil and Grease	10,000.0000 < $\mu\text{g/L}$
	Total Phosphorus	100.0000 < $\mu\text{g/L}$
	TDS	10,000.0000 < $\mu\text{g/L}$
	TSS	4,000.0000 < $\mu\text{g/L}$
	Sulfate	10,000.0000 < $\mu\text{g/L}$
3B-S003 GW03	TAL Total Inorganics	
	Aluminum	262.0000 U $\mu\text{g/L}$
	Antimony	1.9000 U $\mu\text{g/L}$
	Arsenic	3.2000 U $\mu\text{g/L}$
	Barium	5.9000 L $\mu\text{g/L}$
	Beryllium	0.2000 U $\mu\text{g/L}$
	Cadmium	0.3000 U $\mu\text{g/L}$
	Calcium	1,940.0000 L $\mu\text{g/L}$
	Chromium	0.9000 U $\mu\text{g/L}$

* See Attachment B-2 for definitions of the qualifiers.

025116

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
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	Cobalt	0.6000 U µg/L
	Copper	3.8000 L µg/L
	Iron	93.5000 L µg/L
	Lead	1.9000 U µg/L
	Magnesium	377.0000 L µg/L
	Manganese	3.8000 LJV µg/L
	Mercury	0.2000 U µg/L
	Nickel	21.8000 L µg/L
	Potassium	130.0000 LJ µg/L
	Selenium	4.4000 U µg/L
	Silver	0.5000 U µg/L
	Sodium	809.0000 L µg/L
	Thallium	4.5000 U µg/L
	Vanadium	0.4000 U µg/L
	Zinc	22.9000 - µg/L

3B-S003 GW03 TAL Dissolved Inorganics

	Aluminum	94.4000 L µg/L
	Antimony	1.9000 U µg/L
	Arsenic	3.2000 U µg/L
	Barium	3.9000 L µg/L
	Beryllium	0.2000 U µg/L
	Cadmium	0.3000 U µg/L
	Calcium	1,810.0000 L µg/L
	Chromium	0.9000 U µg/L
	Cobalt	0.6000 U µg/L
	Copper	3.7000 L µg/L
	Iron	31.8000 ULC µg/L
	Lead	1.9000 U µg/L
	Magnesium	337.0000 L µg/L
	Manganese	4.0000 L µg/L
	Mercury	0.2000 U µg/L
	Nickel	1.4000 U µg/L
	Potassium	121.0000 LJ µg/L
	Selenium	4.4000 U µg/L
	Silver	0.5000 U µg/L
	Sodium	832.0000 L µg/L
	Thallium	4.5000 U µg/L
	Vanadium	0.4000 U µg/L
	Zinc	23.5000 - µg/L

TCL Volatiles

	Acetone	10.0000 U µg/L
	Benzene	10.0000 U µg/L
	Bromodichloromethane	10.0000 U µg/L
	Bromoform	10.0000 U µg/L
	Bromomethane	10.0000 U µg/L
	2-Butanone	10.0000 U µg/L
	Carbon Disulfide	10.0000 U µg/L
	Carbon Tetrachloride	10.0000 U µg/L
	Chlorobenzene	10.0000 U µg/L
	Chloroethane	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
3B-S003 GW03	Chloroform	10.0000 U $\mu\text{g/l}$
	Chloromethane	10.0000 U $\mu\text{g/l}$
	Dibromochloromethane	10.0000 U $\mu\text{g/l}$
	1,1-Dichloroethane	10.0000 U $\mu\text{g/l}$
	1,2-Dichloroethane	10.0000 U $\mu\text{g/l}$
	1,2-Dichloroethene (total)	10.0000 U $\mu\text{g/l}$
	1,1-Dichloroethene	10.0000 U $\mu\text{g/l}$
	1,2-Dichloropropane	10.0000 U $\mu\text{g/l}$
	cis-1,3-Dichloropropene	10.0000 U $\mu\text{g/l}$
	trans-1,3-Dichloropropene	10.0000 U $\mu\text{g/l}$
	Ethylbenzene	10.0000 U $\mu\text{g/l}$
	2-Hexanone	10.0000 U $\mu\text{g/l}$
	4-Methyl-2-Pentanone	10.0000 U $\mu\text{g/l}$
	Methylene Chloride	10.0000 U $\mu\text{g/l}$
	Styrene	10.0000 U $\mu\text{g/l}$
	1,1,2,2-Tetrachloroethane	10.0000 U $\mu\text{g/l}$
	Tetrachloroethene	10.0000 U $\mu\text{g/l}$
	Toluene	10.0000 U $\mu\text{g/l}$
	1,1,1-Trichloroethane	10.0000 U $\mu\text{g/l}$
	1,1,2-Trichloroethane	10.0000 U $\mu\text{g/l}$
	Trichloroethene	10.0000 U $\mu\text{g/l}$
	Vinyl Chloride	10.0000 U $\mu\text{g/l}$
	Xylene (total)	10.0000 U $\mu\text{g/l}$
3B-S003 GW03	TCL Semi-Volatiles	
	Acenaphthene	10.0000 U $\mu\text{g/l}$
	Acenaphthylene	10.0000 U $\mu\text{g/l}$
	Anthracene	10.0000 U $\mu\text{g/l}$
	Benzo(a)anthracene	10.0000 U $\mu\text{g/l}$
	Benzo(a)pyrene	10.0000 U $\mu\text{g/l}$
	Benzo(b)fluoranthene	10.0000 U $\mu\text{g/l}$
	Benzo(g,h,i)perylene	10.0000 U $\mu\text{g/l}$
	Benzo(k)fluoranthene	10.0000 U $\mu\text{g/l}$
	bis(2-Chloroethoxy)Methane	10.0000 U $\mu\text{g/l}$
	bis(2-Chloroethyl)Ether	10.0000 U $\mu\text{g/l}$
	bis(2-Ethylhexyl)phthalate	3.0000 U $\mu\text{g/l}$
	4-Bromophenyl-phenylether	10.0000 U $\mu\text{g/l}$
	Butylbenzylphthalate	10.0000 U $\mu\text{g/l}$
	Carbazole	10.0000 U $\mu\text{g/l}$
	4-Chloro-3-Methylphenol	10.0000 U $\mu\text{g/l}$
	4-Chloroaniline	10.0000 U $\mu\text{g/l}$
	2-Chloronaphthalene	10.0000 U $\mu\text{g/l}$
	2-Chlorophenol	10.0000 U $\mu\text{g/l}$
	4-Chlorophenyl-phenylether	10.0000 U $\mu\text{g/l}$
	Chrysene	10.0000 U $\mu\text{g/l}$
	Di-n-butylphthalate	10.0000 U $\mu\text{g/l}$
	Di-n-octylphthalate	10.0000 U $\mu\text{g/l}$
	Dibenz(a,h)anthracene	10.0000 U $\mu\text{g/l}$
	Dibenzofuran	10.0000 U $\mu\text{g/l}$
	1,2-Dichlorobenzene	10.0000 U $\mu\text{g/l}$
	1,3-Dichlorobenzene	10.0000 U $\mu\text{g/l}$
	1,4-Dichlorobenzene	10.0000 U $\mu\text{g/l}$
	3,3'-Dichlorobenzidine	10.0000 U $\mu\text{g/l}$

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	2.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

3B-S003 GW03 TCL Pesticides

Aldrin	0.0500 U µg/L
Aroclor-1016	1.0000 U µg/L
Aroclor-1221	2.0000 U µg/L
Aroclor-1232	1.0000 U µg/L
Aroclor-1242	1.0000 U µg/L
Aroclor-1248	1.0000 U µg/L
Aroclor-1254	1.0000 U µg/L
Aroclor-1260	1.0000 U µg/L
gamma-BHC (Lindane)	0.0500 U µg/L
alpha-BHC	0.0500 U µg/L
beta-BHC	0.0500 U µg/L
delta-BHC	0.0500 U µg/L
alpha-Chlordane	0.0500 U µg/L
gamma-Chlordane	0.0500 U µg/L
4,4'-DDD	0.1000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3B-S003 GW03	4,4'-DDE	0.1000 U	µg/L
	4,4'-DDT	0.1000 U	µg/L
	Dieldrin	0.1000 U	µg/L
	Endosulfan I	0.0500 U	µg/L
	Endosulfan II	0.1000 U	µg/L
	Endosulfan sulfate	0.1000 U	µg/L
	Endrin	0.1000 U	µg/L
	Endrin aldehyde	0.1000 U	µg/L
	Endrin ketone	0.1000 U	µg/L
	Heptachlor	0.0500 U	µg/L
	Heptachlor epoxide	0.0500 U	µg/L
	Methoxychlor	0.5000 U	µg/L
	Toxaphene	5.0000 U	µg/L
	Wet Chemistry		
3B-S008 SL03	Total Alkalinity	10,000.0000 U	µg/L
	Chloride	3,000.0000 U	µg/L
	Fluoride	200.0000 U	µg/L
	Nitrate	50.0000 U	µg/L
	Oil and Grease	500.0000	µg/L
	Total Phosphorus	571.0000	µg/L
	TDS	10,000.0000 U	µg/L
	TSS	4,000.0000 U	µg/L
3B-S008 SL03	Sulfate	10,000.0000 U	µg/L
	TAL Total Inorganics		
	Aluminum	50.2000	mg/kg
	Antimony	0.3100 U	mg/kg
	Arsenic	0.4600 U	mg/kg
	Barium	0.7300	mg/kg
	Beryllium	0.1500 U	mg/kg
	Cadmium	0.1500 U	mg/kg
	Calcium	40.4000 U	mg/kg
	Chromium	0.3500	mg/kg
	Cobalt	0.1500 U	mg/kg
	Copper	0.5700 UC	mg/kg
	Iron	266.0000	mg/kg
	Lead	0.3600 UC	mg/kg
	Magnesium	9.6000 UC	mg/kg
	Manganese	1.9000 U	mg/kg
	Mercury	0.0900 U	mg/kg
	Nickel	0.2100	mg/kg
	Potassium	41.8000 UC	mg/kg
	Selenium	0.4600 U	mg/kg
	Silver	0.1500 U	mg/kg
	Sodium	16.6000 U	mg/kg
	Thallium	0.4600 U	mg/kg
	Vanadium	0.6500	mg/kg
	Zinc	1.6000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3B-S010 SL03	TAL Total Inorganics		
	Aluminum	70.4000	UC mg/kg
	Antimony	0.3800	U mg/kg
	Arsenic	0.7000	U mg/kg
	Barium	1.0000	mg/kg
	Beryllium	0.0300	UC mg/kg
	Cadmium	0.1000	U mg/kg
	Calcium	63.5000	mg/kg
	Chromium	0.4400	U mg/kg
	Cobalt	0.1000	U mg/kg
	Copper	1.1000	UC mg/kg
	Iron	242.0000	mg/kg
	Lead	1.6000	mg/kg
	Magnesium	10.9000	UC mg/kg
	Manganese	1.9000	mg/kg
	Mercury	0.1000	U mg/kg
	Nickel	0.3000	U mg/kg
	Potassium	59.4000	UC mg/kg
	Selenium	0.8800	U mg/kg
	Silver	0.1200	UJv mg/kg
	Sodium	231.0000	UC mg/kg
	Thallium	1.1000	U mg/kg
	Vanadium	0.6200	mg/kg
	Zinc	1.5000	mg/kg

3C-S040 SL03	TAL Total Inorganics		
	Aluminum	74.1000	UC mg/kg
	Antimony	0.3700	U mg/kg
	Arsenic	0.6900	U mg/kg
	Barium	1.0000	mg/kg
	Beryllium	0.0400	UC mg/kg
	Cadmium	0.1000	U mg/kg
	Calcium	78.0000	J mg/kg
	Chromium	0.4900	mg/kg
	Cobalt	0.1200	mg/kg
	Copper	0.2200	Jv mg/kg
	Iron	293.0000	J mg/kg
	Lead	0.7600	Jv mg/kg
	Magnesium	10.7000	J mg/kg
	Manganese	2.7000	mg/kg
	Mercury	0.1000	U mg/kg
	Nickel	0.2900	U mg/kg
	Potassium	66.4000	UC mg/kg
	Selenium	0.8600	U mg/kg
	Silver	0.1200	U mg/kg
	Sodium	162.0000	UC mg/kg
	Thallium	1.1000	U mg/kg
	Vanadium	0.7900	mg/kg
	Zinc	2.0000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier	
3C-S116 UL02	TCL Volatiles		
	Acetone	0.0120 UJ	mg/kg
	Benzene	0.0100 U	mg/kg
	Bromodichloromethane	0.0100 U	mg/kg
	Bromoform	0.0100 U	mg/kg
	Bromomethane	0.0100 U	mg/kg
	2-Butanone	0.0100 U	mg/kg
	Carbon Disulfide	0.0100 U	mg/kg
	Carbon Tetrachloride	0.0100 U	mg/kg
	Chlorobenzene	0.0100 U	mg/kg
	Chloroethane	0.0100 U	mg/kg
	Chloroform	0.0100 U	mg/kg
	Chloromethane	0.0100 U	mg/kg
	Dibromochloromethane	0.0100 U	mg/kg
	1,1-Dichloroethane	0.0100 U	mg/kg
	1,2-Dichloroethane	0.0100 U	mg/kg
	1,2-Dichloroethene (total)	0.0100 U	mg/kg
	1,1-Dichloroethene	0.0100 U	mg/kg
	1,2-Dichloropropane	0.0100 U	mg/kg
	cis-1,3-Dichloropropene	0.0100 U	mg/kg
	trans-1,3-Dichloropropene	0.0100 U	mg/kg
	Ethylbenzene	0.0100 U	mg/kg
	2-Hexanone	0.0100 U	mg/kg
	4-Methyl-2-Pentanone	0.0100 U	mg/kg
	Methylene Chloride	0.0320 UJ	mg/kg
	Styrene	0.0100 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.0100 U	mg/kg
	Tetrachloroethene	0.0100 U	mg/kg
	Toluene	0.0100 U	mg/kg
	1,1,1-Trichloroethane	0.0100 U	mg/kg
	1,1,2-Trichloroethane	0.0100 U	mg/kg
	Trichloroethene	0.0100 U	mg/kg
	Vinyl Chloride	0.0100 U	mg/kg
	Xylene (total)	0.0100 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.3300 U	mg/kg
	Acenaphthylene	0.3300 U	mg/kg
	Anthracene	0.3300 U	mg/kg
	Benzo(a)anthracene	0.3300 U	mg/kg
	Benzo(a)pyrene	0.3300 U	mg/kg
	Benzo(b)fluoranthene	0.3300 U	mg/kg
	Benzo(g,h,i)perylene	0.3300 U	mg/kg
	Benzo(k)fluoranthene	0.3300 U	mg/kg
	bis(2-Chloroethoxy)Methane	0.3300 U	mg/kg
	bis(2-Chloroethyl)Ether	0.3300 U	mg/kg
	bis(2-Ethylhexyl)phthalate	0.3300 U	mg/kg
	4-Bromophenyl-phenylether	0.4300	mg/kg
	Butylbenzylphthalate	0.3300 U	mg/kg
	Carbazole	0.3300 U	mg/kg
	4-Chloro-3-Methylphenol	0.3300 U	mg/kg
	4-Chloroaniline	0.3300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	2-Chloronaphthalene	0.3300 U mg/kg
	2-Chlorophenol	0.3300 U mg/kg
	4-Chlorophenyl-phenylether	0.3300 U mg/kg
	Chrysene	0.3300 U mg/kg
	Di-n-butylphthalate	0.7800 U mg/kg
	Di-n-octylphthalate	0.3300 U mg/kg
	Dibenz(a,h)anthracene	0.3300 U mg/kg
	Dibenzofuran	0.3300 U mg/kg
	1,2-Dichlorobenzene	0.3300 U mg/kg
	1,3-Dichlorobenzene	0.3300 U mg/kg
	1,4-Dichlorobenzene	0.3300 U mg/kg
	3,3'-Dichlorobenzidine	0.3300 U mg/kg
	2,4-Dichlorophenol	0.3300 U mg/kg
	Diethylphthalate	0.0510 U mg/kg
	2,4-Dimethylphenol	0.3300 U mg/kg
	Dimethylphthalate	0.3300 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.8400 U mg/kg
	2,4-Dinitrophenol	0.8400 U mg/kg
	2,4-Dinitrotoluene	0.3300 U mg/kg
	2,6-Dinitrotoluene	0.3300 U mg/kg
	Fluoranthene	0.3300 U mg/kg
	Fluorene	0.3300 U mg/kg
	Hexachlorobenzene	0.3300 U mg/kg
	Hexachlorobutadiene	0.3300 U mg/kg
	Hexachlorocyclopentadiene	0.3300 U mg/kg
	Hexachloroethane	0.3300 U mg/kg
	Indeno(1,2,3-cd)pyrene	0.3300 U mg/kg
	Isophorone	0.3300 U mg/kg
	2-Methylnaphthalene	0.3300 U mg/kg
	2-Methylphenol	0.3300 U mg/kg
	4-Methylphenol	0.3300 U mg/kg
	Naphthalene	0.3300 U mg/kg
	2-Nitroaniline	0.8400 U mg/kg
	3-Nitroaniline	0.8400 U mg/kg
	4-Nitroaniline	0.8400 U mg/kg
	Nitrobenzene	0.3300 U mg/kg
	2-Nitrophenol	0.3300 U mg/kg
	4-Nitrophenol	0.8400 U mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.3300 U mg/kg
	Pentachlorophenol	0.8400 U mg/kg
	Phenanthrene	0.3300 U mg/kg
	Phenol	0.3300 U mg/kg
	Pyrene	0.3300 U mg/kg
	1,2,4-Trichlorobenzene	0.3300 U mg/kg
	2,4,5-Trichlorophenol	0.8400 U mg/kg
	2,4,6-Trichlorophenol	0.3300 U mg/kg
3C-S116 UL02	TCL Pesticides	
	Aldrin	0.0017 U mg/kg
	Aroclor-1016	0.0340 U mg/kg
	Aroclor-1221	0.0680 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Aroclor-1232	0.0340 U	mg/kg
	Aroclor-1242	0.0340 U	mg/kg
	Aroclor-1248	0.0340 U	mg/kg
	Aroclor-1254	0.0340 U	mg/kg
	Aroclor-1260	0.0340 U	mg/kg
	gamma-BHC (Lindane)	0.0017 U	mg/kg
	alpha-BHC	0.0017 U	mg/kg
	beta-BHC	0.0017 U	mg/kg
	delta-BHC	0.0017 U	mg/kg
	alpha-Chlordane	0.0017 U	mg/kg
	gamma-Chlordane	0.0017 U	mg/kg
	4,4'-DDD	0.0034 U	mg/kg
	4,4'-DDE	0.0034 U	mg/kg
	4,4'-DDT	0.0034 U	mg/kg
	Dieldrin	0.0034 U	mg/kg
	Endosulfan I	0.0017 U	mg/kg
	Endosulfan II	0.0034 U	mg/kg
	Endosulfan sulfate	0.0034 U	mg/kg
	Endrin	0.0034 U	mg/kg
	Endrin aldehyde	0.0034 U	mg/kg
	Endrin ketone	0.0034 U	mg/kg
	Heptachlor	0.0017 U	mg/kg
	Heptachlor epoxide	0.0017 U	mg/kg
	Methoxychlor	0.0170 U	mg/kg
	Toxaphene	0.1700 U	mg/kg

3D-S117 SL03 TAL Total Inorganics

Aluminum	37.1000	mg/kg
Antimony	0.6000 UJv	mg/kg
Arsenic	0.7000	mg/kg
Barium	1.2000	mg/kg
Beryllium	0.2000 U	mg/kg
Cadmium	0.2000 U	mg/kg
Calcium	93.3000	mg/kg
Chromium	0.4200 UC	mg/kg
Cobalt	0.6700	mg/kg
Copper	0.4200	mg/kg
Iron	296.0000	mg/kg
Lead	0.6500 UC	mg/kg
Magnesium	8.5000	mg/kg
Manganese	2.8000 Jv	mg/kg
Mercury	0.1000 U	mg/kg
Nickel	0.4000	mg/kg
Potassium	267.0000 UC	mg/kg
Selenium	0.6000 U	mg/kg
Silver	0.2000 U	mg/kg
Sodium	22.8000 U	mg/kg
Thallium	0.8000 U	mg/kg
Vanadium	0.7500	mg/kg
Zinc	1.9000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*		
3E-A006 DL02	TAL Total Inorganics			
	Aluminum	40.2000	J	mg/kg
	Antimony	0.3100	UJ	mg/kg
	Arsenic	0.4600	UJ	mg/kg
	Barium	1.3000		mg/kg
	Beryllium	0.1500	U	mg/kg
	Cadmium	0.1500	U	mg/kg
	Calcium	67.0000	J	mg/kg
	Chromium	0.4400	Jv	mg/kg
	Cobalt	0.1700		mg/kg
	Copper	0.4000	J	mg/kg
	Iron	303.0000	J	mg/kg
	Lead	0.8900	UCJ	mg/kg
	Magnesium	7.6000	J^	mg/kg
	Manganese	3.4000		mg/kg
	Mercury	0.0900	UR	mg/kg
	Nickel	0.1500	UJ	mg/kg
	Potassium	44.2000	J	mg/kg
	Selenium	0.4600	UJ	mg/kg
	Silver	0.1500	U	mg/kg
	Sodium	16.5000	UJ	mg/kg
	Thallium	0.4600	U	mg/kg
	Vanadium	0.8800		mg/kg
	Zinc	1.8000	J	mg/kg
	TCL Volatiles			
	Acetone	0.0490	UJ	mg/kg
	Benzene	0.0100	UJv	mg/kg
	Bromodichloromethane	0.0100	UJv	mg/kg
	Bromoform	0.0100	UJv	mg/kg
	Bromomethane	0.0100	UJv	mg/kg
	2-Butanone	0.0100	UJv	mg/kg
	Carbon Disulfide	0.0100	UJv	mg/kg
	Carbon Tetrachloride	0.0100	UJv	mg/kg
	Chlorobenzene	0.0100	UJv	mg/kg
	Chloroethane	0.0100	UJv	mg/kg
	Chloroform	0.0100	UJv	mg/kg
	Chloromethane	0.0100	UJv	mg/kg
	Dibromochloromethane	0.0100	UJv	mg/kg
	1,1-Dichloroethane	0.0100	UJv	mg/kg
	1,2-Dichloroethane	0.0100	UJv	mg/kg
	1,2-Dichloroethene (total)	0.0100	UJv	mg/kg
	1,1-Dichloroethene	0.0100	UJv	mg/kg
	1,2-Dichloropropane	0.0100	UJv	mg/kg
	cis-1,3-Dichloropropene	0.0100	UJv	mg/kg
	trans-1,3-Dichloropropene	0.0100	UJv	mg/kg
	Ethylbenzene	0.0100	UJv	mg/kg
	2-Hexanone	0.0100	UJv	mg/kg
	4-Methyl-2-Pentanone	0.0100	UJv	mg/kg
	Methylene Chloride	0.0100	UJv	mg/kg
	Styrene	0.0100	UJv	mg/kg
	1,1,2,2-Tetrachloroethane	0.0100	UJv	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier		
	Tetrachloroethene	0.0100	UV	mg/kg
	Toluene	0.0100	UV	mg/kg
	1,1,1-Trichloroethane	0.0100	UV	mg/kg
	1,1,2-Trichloroethane	0.0100	UV	mg/kg
	Trichloroethene	0.0100	UV	mg/kg
	Vinyl Chloride	0.0100	UV	mg/kg
	Xylene (total)	0.0100	UV	mg/kg
3E-A006 DL02	TCL Semi-Volatiles			
	Acenaphthene	0.3300	U	mg/kg
	Acenaphthylene	0.3300	U	mg/kg
	Anthracene	0.3300	U	mg/kg
	Benzo(a)anthracene	0.3300	U	mg/kg
	Benzo(a)pyrene	0.3300	U	mg/kg
	Benzo(b)fluoranthene	0.3300	U	mg/kg
	Benzo(g,h,i)perylene	0.3300	U	mg/kg
	Benzo(k)fluoranthene	0.3300	U	mg/kg
	bis(2-Chloroethoxy)Methane	0.3300	U	mg/kg
	bis(2-Chloroethyl)Ether	0.3300	U	mg/kg
	bis(2-Ethylhexyl)phthalate	0.3300	U	mg/kg
	4-Bromophenyl-phenylether	0.3300	U	mg/kg
	Butylbenzylphthalate	0.3300	U	mg/kg
	Carbazole	0.3300	U	mg/kg
	4-Chloro-3-Methylphenol	0.3300	U	mg/kg
	4-Chloroaniline	0.3300	U	mg/kg
	2-Chloronaphthalene	0.3300	U	mg/kg
	2-Chlorophenol	0.3300	U	mg/kg
	4-Chlorophenyl-phenylether	0.3300	U	mg/kg
	Chrysene	0.3300	U	mg/kg
	Di-n-butylphthalate	0.3300	U	mg/kg
	Di-n-octylphthalate	0.3300	U	mg/kg
	Dibenz(a,h)anthracene	0.3300	U	mg/kg
	Dibenzofuran	0.3300	U	mg/kg
	1,2-Dichlorobenzene	0.3300	U	mg/kg
	1,3-Dichlorobenzene	0.3300	U	mg/kg
	1,4-Dichlorobenzene	0.3300	U	mg/kg
	3,3'-Dichlorobenzidine	0.3300	U	mg/kg
	2,4-Dichlorophenol	0.3300	U	mg/kg
	Diethylphthalate	0.3300	U	mg/kg
	2,4-Dimethylphenol	0.3300	U	mg/kg
	Dimethylphthalate	0.3300	U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.7900	U	mg/kg
	2,4-Dinitrophenol	0.7900	U	mg/kg
	2,4-Dinitrotoluene	0.3300	U	mg/kg
	2,6-Dinitrotoluene	0.3300	U	mg/kg
	Fluoranthene	0.3300	U	mg/kg
	Fluorene	0.3300	U	mg/kg
	Hexachlorobenzene	0.3300	U	mg/kg
	Hexachlorobutadiene	0.3300	U	mg/kg
	Hexachlorocyclopentadiene	0.3300	U	mg/kg
	Hexachloroethane	0.3300	U	mg/kg
	Indeno(1,2,3-cd)pyrene	0.3300	U	mg/kg
	Isophorone	0.3300	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	2-Methylnaphthalene	0.3300 U	mg/kg
	2-Methylphenol	0.3300 U	mg/kg
	4-Methylphenol	0.3300 U	mg/kg
	Naphthalene	0.3300 U	mg/kg
	2-Nitroaniline	0.7900 U	mg/kg
	3-Nitroaniline	0.7900 U	mg/kg
	4-Nitroaniline	0.7900 U	mg/kg
	Nitrobenzene	0.3300 U	mg/kg
	2-Nitrophenol	0.3300 U	mg/kg
	4-Nitrophenol	0.7900 U	mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.3300 U	mg/kg
	Pentachlorophenol	0.7900 U	mg/kg
	Phenanthrene	0.3300 U	mg/kg
	Phenol	0.3300 U	mg/kg
	Pyrene	0.3300 U	mg/kg
	1,2,4-Trichlorobenzene	0.3300 U	mg/kg
	2,4,5-Trichlorophenol	0.7900 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg

3E-A006 DL02 TCL Pesticides

Aldrin	0.0017 U	mg/kg
Aroclor-1016	0.0330 U	mg/kg
Aroclor-1221	0.0660 U	mg/kg
Aroclor-1232	0.0330 U	mg/kg
Aroclor-1242	0.0330 U	mg/kg
Aroclor-1248	0.0330 U	mg/kg
Aroclor-1254	0.0330 U	mg/kg
Aroclor-1260	0.0330 U	mg/kg
gamma-BHC (Lindane)	0.0017 U	mg/kg
alpha-BHC	0.0017 U	mg/kg
beta-BHC	0.0017 U	mg/kg
delta-BHC	0.0017 U	mg/kg
alpha-Chlordane	0.0017 U	mg/kg
gamma-Chlordane	0.0017 U	mg/kg
4,4'-DDD	0.0033 U	mg/kg
4,4'-DDE	0.0033 U	mg/kg
4,4'-DDT	0.0033 U	mg/kg
Dieldrin	0.0033 U	mg/kg
Endosulfan I	0.0017 U	mg/kg
Endosulfan II	0.0033 U	mg/kg
Endosulfan sulfate	0.0033 U	mg/kg
Endrin	0.0033 U	mg/kg
Endrin aldehyde	0.0033 U	mg/kg
Endrin ketone	0.0033 U	mg/kg
Heptachlor	0.0017 U	mg/kg
Heptachlor epoxide	0.0017 U	mg/kg
Methoxychlor	0.0170 U	mg/kg
Toxaphene	0.1700 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3E-A006 DL02	Wet Chemistry		
	TOC	1,130.0000	mg/kg
3E-A006 WL02	TAL Total Inorganics		
	Aluminum	156.0000 UCJ	µg/L
	Antimony	1.9000 U	µg/L
	Arsenic	3.5000 U	µg/L
	Barium	0.8200 UC	µg/L
	Beryllium	0.1000 U	µg/L
	Cadmium	0.5000 U	µg/L
	Calcium	57.7000 UCJ	µg/L
	Chromium	2.2000 U	µg/L
	Cobalt	0.5000 U	µg/L
	Copper	0.8000 U	µg/L
	Iron	27.2000 UJ	µg/L
	Lead	1.6000 U	µg/L
	Magnesium	13.4000 UCJ	µg/L
	Manganese	0.4000 UJ	µg/L
	Mercury	0.2000 UJv	µg/L
	Nickel	1.5000 U	µg/L
	Potassium	132.0000 UCJ	µg/L
	Selenium	4.4000 U	µg/L
	Silver	0.6000 U	µg/L
	Sodium	475.0000 UCJ	µg/L
	Thallium	5.5000 U	µg/L
	Vanadium	0.5000 U	µg/L
	Zinc	1.2000 UC	µg/L
	TAL Dissolved Inorganics		
	Aluminum	119.0000 UCJv	µg/L
	Antimony	1.9000 UF	µg/L
	Arsenic	3.5000 UF	µg/L
	Barium	0.5400 Jv	µg/L
	Beryllium	0.1000 UF	µg/L
	Cadmium	0.5000 UF	µg/L
	Calcium	69.3000 UCJv	µg/L
	Chromium	2.2000 UF	µg/L
	Cobalt	0.5000 UF	µg/L
	Copper	0.8000 UF	µg/L
	Iron	27.2000 UF	µg/L
	Lead	1.6000 UF	µg/L
	Magnesium	11.1000 UCJv	µg/L
	Manganese	0.4000 UF	µg/L
	Mercury	0.2000 UF	µg/L
	Nickel	1.5000 UF	µg/L
	Potassium	111.0000 Jv	µg/L
	Selenium	4.4000 UF	µg/L
	Silver	0.6000 UF	µg/L
	Sodium	459.0000 UCJv	µg/L
	Thallium	5.5000 UF	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Vanadium	0.5000 UF	µg/L
	Zinc	0.6000 UF	µg/L
3E-A006 WL02	TCL Volatiles		
	Acetone	10.0000 U	µg/L
	Benzene	10.0000 U	µg/L
	Bromodichloromethane	10.0000 U	µg/L
	Bromoform	10.0000 U	µg/L
	Bromomethane	10.0000 U	µg/L
	2-Butanone	10.0000 U	µg/L
	Carbon Disulfide	10.0000 U	µg/L
	Carbon Tetrachloride	10.0000 U	µg/L
	Chlorobenzene	10.0000 U	µg/L
	Chloroethane	10.0000 U	µg/L
	Chloroform	10.0000 U	µg/L
	Chloromethane	10.0000 U	µg/L
	Dibromochloromethane	10.0000 U	µg/L
	1,1-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethene (total)	10.0000 U	µg/L
	1,1-Dichloroethene	10.0000 U	µg/L
	1,2-Dichloropropane	10.0000 U	µg/L
	cis-1,3-Dichloropropene	10.0000 U	µg/L
	trans-1,3-Dichloropropene	10.0000 U	µg/L
	Ethylbenzene	10.0000 U	µg/L
	2-Hexanone	10.0000 U	µg/L
	4-Methyl-2-Pentanone	10.0000 U	µg/L
	Methylene Chloride	10.0000 U	µg/L
	Styrene	10.0000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U	µg/L
	Tetrachloroethene	10.0000 U	µg/L
	Toluene	10.0000 U	µg/L
	1,1,1-Trichloroethane	10.0000 U	µg/L
	1,1,2-Trichloroethane	10.0000 U	µg/L
	Trichloroethene	10.0000 U	µg/L
	Vinyl Chloride	10.0000 U	µg/L
	Xylene (total)	10.0000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.0000 U	µg/L
	Acenaphthylene	10.0000 U	µg/L
	Anthracene	10.0000 U	µg/L
	Benzo(a)anthracene	10.0000 U	µg/L
	Benzo(a)pyrene	10.0000 U	µg/L
	Benzo(b)fluoranthene	10.0000 U	µg/L
	Benzo(g,h,i)perylene	10.0000 U	µg/L
	Benzo(k)fluoranthene	10.0000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.0000 U	µg/L
	bis(2-Chloroethyl)Ether	10.0000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.0000 U	µg/L
	4-Bromophenyl-phenylether	10.0000 U	µg/L
	Butylbenzylphthalate	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
	Carbazole	10.0000 U µg/L
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	10.0000 U µg/L
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz (a,h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	10.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	10.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
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3E-A006 WL02 TCL Pesticides

Aldrin	0.0500 U	µg/L
Aroclor-1016	1.0000 U	µg/L
Aroclor-1221	2.0000 U	µg/L
Aroclor-1232	1.0000 U	µg/L
Aroclor-1242	1.0000 U	µg/L
Aroclor-1248	1.0000 U	µg/L
Aroclor-1254	1.0000 U	µg/L
Aroclor-1260	1.0000 U	µg/L
gamma-BHC (Lindane)	0.0500 U	µg/L
alpha-BHC	0.0500 U	µg/L
beta-BHC	0.0500 U	µg/L
delta-BHC	0.0500 U	µg/L
alpha-Chlordane	0.0500 U	µg/L
gamma-Chlordane	0.0500 U	µg/L
4,4'-DDD	0.1000 U	µg/L
4,4'-DDE	0.1000 U	µg/L
4,4'-DDT	0.1000 U	µg/L
Dieldrin	0.1000 U	µg/L
Endosulfan I	0.0500 U	µg/L
Endosulfan II	0.1000 U	µg/L
Endosulfan sulfate	0.1000 U	µg/L
Endrin	0.1000 U	µg/L
Endrin aldehyde	0.1000 U	µg/L
Endrin ketone	0.1000 U	µg/L
Heptachlor	0.0500 U	µg/L
Heptachlor epoxide	0.0500 U	µg/L
Methoxychlor	0.5000 U	µg/L
Toxaphene	5.0000 U	µg/L

Wet Chemistry

TOC	1,000.0000	<	µg/L
TDS	3,990,000.0000	-	µg/L
TSS	410,000.0000	-	µg/L

3J-S500 EL03 TAL Total Inorganics

Aluminum	45.1000	J ⁻	mg/kg
Antimony	2.7000	U	mg/kg
Arsenic	0.3300	U	mg/kg
Barium	0.5100	U	mg/kg
Beryllium	0.1600	J ⁻	mg/kg
Cadmium	0.1600	U	mg/kg
Calcium	60.0000	J ⁻	mg/kg
Chromium	1.3000	U	mg/kg
Cobalt	0.4100	UC	mg/kg
Copper	1.0000	UC	mg/kg
Iron	279.0000	-	mg/kg
Lead	0.6000	UC	mg/kg
Magnesium	10.0000	UC	mg/kg
Manganese	2.1000	-	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3J-S500 EL03	Mercury	0.0500	U mg/kg
	Nickel	0.8000	U mg/kg
	Potassium	18.9000	U mg/kg
	Selenium	0.4900	U mg/kg
	Silver	0.5700	U mg/kg
	Sodium	53.1000	UC mg/kg
	Thallium	0.3300	U mg/kg
	Vanadium	0.5700	U mg/kg
	Zinc	1.3000	UC mg/kg
	TCL Volatiles		
	Acetone	0.0100	U mg/kg
3J-S500 EL03	Benzene	0.0100	U mg/kg
	Bromodichloromethane	0.0100	U mg/kg
	Bromoform	0.0100	U mg/kg
	Bromomethane	0.0100	U mg/kg
	2-Butanone	0.0100	U mg/kg
	Carbon Disulfide	0.0100	U mg/kg
	Carbon Tetrachloride	0.0100	U mg/kg
	Chlorobenzene	0.0100	U mg/kg
	Chloroethane	0.0100	U mg/kg
	Chloroform	0.0100	U mg/kg
	Chloromethane	0.0100	U mg/kg
	Dibromochloromethane	0.0100	U mg/kg
	1,1-Dichloroethane	0.0100	U mg/kg
	1,2-Dichloroethane	0.0100	U mg/kg
	1,2-Dichloroethene (total)	0.0100	U mg/kg
	1,1-Dichloroethene	0.0100	U mg/kg
	1,2-Dichloropropane	0.0100	U mg/kg
	cis-1,3-Dichloropropene	0.0100	U mg/kg
	trans-1,3-Dichloropropene	0.0100	U mg/kg
	Ethylbenzene	0.0100	U mg/kg
	2-Hexanone	0.0100	U mg/kg
	4-Methyl-2-Pentanone	0.0100	U mg/kg
	Methylene Chloride	0.0030	U mg/kg
	Styrene	0.0100	U mg/kg
	1,1,2,2-Tetrachloroethane	0.0100	U mg/kg
	Tetrachloroethene	0.0100	U mg/kg
	Toluene	0.0100	U mg/kg
	1,1,1-Trichloroethane	0.0100	U mg/kg
	1,1,2-Trichloroethane	0.0100	U mg/kg
	Trichloroethene	0.0100	U mg/kg
	Vinyl Chloride	0.0100	U mg/kg
	Xylene (total)	0.0100	U mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.3300	U mg/kg
	Acenaphthylene	0.3300	U mg/kg
	Anthracene	0.3300	U mg/kg
	Benzo (a) anthracene	0.3300	U mg/kg
	Benzo (a) pyrene	0.3300	U mg/kg
	Benzo (b) fluoranthene	0.3300	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Benzo(g,h,i) perylene	0.3300 U mg/kg
	Benzo(k) fluoranthene	0.3300 U mg/kg
	bis(2-Chloroethoxy) Methane	0.3300 U mg/kg
	bis(2-Chloroethyl) Ether	0.3300 U mg/kg
	bis(2-Ethylhexyl) phthalate	0.3300 U mg/kg
	4-Bromophenyl-phenylether	0.3300 U mg/kg
	Butylbenzylphthalate	0.3300 U mg/kg
	Carbazole	0.3300 U mg/kg
	4-Chloro-3-Methylphenol	0.3300 U mg/kg
	4-Chloroaniline	0.3300 U mg/kg
	2-Chloronaphthalene	0.3300 U mg/kg
	2-Chlorophenol	0.3300 U mg/kg
	4-Chlorophenyl-phenylether	0.3300 U mg/kg
	Chrysene	0.3300 U mg/kg
	Di-n-butylphthalate	0.3300 U mg/kg
	Di-n-octylphthalate	0.3300 U mg/kg
	Dibenz(a,h) anthracene	0.3300 U mg/kg
	Dibenzofuran	0.3300 U mg/kg
	1,2-Dichlorobenzene	0.3300 U mg/kg
	1,3-Dichlorobenzene	0.3300 U mg/kg
	1,4-Dichlorobenzene	0.3300 U mg/kg
	3,3'-Dichlorobenzidine	0.3300 U mg/kg
	2,4-Dichlorophenol	0.3300 U mg/kg
	Diethylphthalate	0.3300 U mg/kg
	2,4-Dimethylphenol	0.3300 U mg/kg
	Dimethylphthalate	0.3300 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.8000 U mg/kg
	2,4-Dinitrophenol	0.8000 U mg/kg
	2,4-Dinitrotoluene	0.3300 U mg/kg
	2,6-Dinitrotoluene	0.3300 U mg/kg
	Fluoranthene	0.3300 U mg/kg
	Fluorene	0.3300 U mg/kg
	Hexachlorobenzene	0.3300 U mg/kg
	Hexachlorobutadiene	0.3300 U mg/kg
	Hexachlorocyclopentadiene	0.3300 U mg/kg
	Hexachloroethane	0.3300 U mg/kg
	Indeno(1,2,3-cd) pyrene	0.3300 U mg/kg
	Isophorone	0.3300 U mg/kg
	2-Methylnaphthalene	0.3300 U mg/kg
	2-Methylphenol	0.3300 U mg/kg
	4-Methylphenol	0.3300 U mg/kg
	Naphthalene	0.3300 U mg/kg
	2-Nitroaniline	0.8000 U mg/kg
	3-Nitroaniline	0.8000 U mg/kg
	4-Nitroaniline	0.8000 U mg/kg
	Nitrobenzene	0.3300 U mg/kg
	2-Nitrophenol	0.3300 U mg/kg
	4-Nitrophenol	0.8000 U mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.3300 U mg/kg
	Pentachlorophenol	0.8000 U mg/kg
	Phenanthrene	0.3300 U mg/kg
	Phenol	0.3300 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3J-S500 EL03	Pyrene	0.3300 U	mg/kg
	1,2,4-Trichlorobenzene	0.3300 U	mg/kg
	2,4,5-Trichlorophenol	0.8000 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg
	TCL Pesticides		
	Aldrin	0.0017 U	mg/kg
	Aroclor-1016	0.0330 U	mg/kg
	Aroclor-1221	0.0670 U	mg/kg
	Aroclor-1232	0.0330 U	mg/kg
	Aroclor-1242	0.0330 U	mg/kg
	Aroclor-1248	0.0330 U	mg/kg
	Aroclor-1254	0.0330 U	mg/kg
	Aroclor-1260	0.0330 U	mg/kg
	gamma-BHC (Lindane)	0.0017 U	mg/kg
	alpha-BHC	0.0017 U	mg/kg
	beta-BHC	0.0017 U	mg/kg
	delta-BHC	0.0017 U	mg/kg
	alpha-Chlordane	0.0017 U	mg/kg
	gamma-Chlordane	0.0017 U	mg/kg
3K-S016 UL02	4,4'-DDD	0.0033 U	mg/kg
	4,4'-DDE	0.0033 U	mg/kg
	4,4'-DDT	0.0033 U	mg/kg
	Dieldrin	0.0033 U	mg/kg
	Endosulfan I	0.0017 U	mg/kg
	Endosulfan II	0.0033 U	mg/kg
	Endosulfan sulfate	0.0033 U	mg/kg
	Endrin	0.0033 U	mg/kg
	Endrin aldehyde	0.0033 U	mg/kg
	Endrin ketone	0.0033 U	mg/kg
	Heptachlor	0.0017 U	mg/kg
	Heptachlor epoxide	0.0017 U	mg/kg
	Methoxychlor	0.0170 U	mg/kg
	Toxaphene	0.1700 U	mg/kg
	TAL Total Inorganics		
	Aluminum	66.2000	mg/kg
	Antimony	3.2000 Jv	mg/kg
	Arsenic	0.9000	mg/kg
	Barium	1.3000	mg/kg
	Beryllium	0.2000 U	mg/kg
	Cadmium	0.2000 U	mg/kg
	Calcium	81.8000 J	mg/kg
	Chromium	0.6500 J	mg/kg
	Cobalt	0.3500	mg/kg
	Copper	1.2000	mg/kg
	Iron	486.0000	mg/kg
	Lead	0.6700	mg/kg
	Magnesium	10.4000	mg/kg
	Manganese	3.8000	mg/kg
	Mercury	0.1000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier*
	Nickel	0.6300	mg/kg
	Potassium	42.2000	mg/kg
	Selenium	0.8000	mg/kg
	Silver	0.2000	mg/kg
	Sodium	35.0000	mg/kg
	Thallium	1.0000	mg/kg
	Vanadium	1.3000	mg/kg
	Zinc	8.0000	mg/kg

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3K-S016 UL02 TCL Volatiles

Acetone	0.0100	U	mg/kg
Benzene	0.0100	U	mg/kg
Bromodichloromethane	0.0100	U	mg/kg
Bromoform	0.0100	U	mg/kg
Bromomethane	0.0100	U	mg/kg
2-Butanone	0.0100	U	mg/kg
Carbon Disulfide	0.0100	U	mg/kg
Carbon Tetrachloride	0.0100	U	mg/kg
Chlorobenzene	0.0100	U	mg/kg
Chloroethane	0.0100	U	mg/kg
Chloroform	0.0100	U	mg/kg
Chloromethane	0.0100	U	mg/kg
Dibromochloromethane	0.0100	U	mg/kg
1,1-Dichloroethane	0.0100	U	mg/kg
1,2-Dichloroethane	0.0100	U	mg/kg
1,2-Dichloroethene (total)	0.0100	U	mg/kg
1,1-Dichloroethene	0.0100	U	mg/kg
1,2-Dichloropropane	0.0100	U	mg/kg
cis-1,3-Dichloropropene	0.0100	U	mg/kg
trans-1,3-Dichloropropene	0.0100	U	mg/kg
Ethylbenzene	0.0100	U	mg/kg
2-Hexanone	0.0100	U	mg/kg
4-Methyl-2-Pentanone	0.0100	U	mg/kg
Methylene Chloride	0.0100	U	mg/kg
Styrene	0.0100	U	mg/kg
1,1,2,2-Tetrachloroethane	0.0100	U	mg/kg
Tetrachloroethene	0.0100	U	mg/kg
Toluene	0.0100	U	mg/kg
1,1,1-Trichloroethane	0.0100	U	mg/kg
1,1,2-Trichloroethane	0.0100	U	mg/kg
Trichloroethene	0.0100	U	mg/kg
Vinyl Chloride	0.0100	U	mg/kg
Xylene (total)	0.0100	U	mg/kg

TCL Semi-Volatiles

Acenaphthene	0.3300	U	mg/kg
Acenaphthylene	0.3300	U	mg/kg
Anthracene	0.3300	U	mg/kg
Benzo (a) anthracene	0.3300	U	mg/kg
Benzo (a) pyrene	0.3300	U	mg/kg
Benzo (b) fluoranthene	0.3300	U	mg/kg
Benzo (g, h, i) perylene	0.3300	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier	
	Benzo (k) fluoranthene	0.3300 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.3300 U	mg/kg
	bis (2-Chloroethyl) Ether	0.3300 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.3300 U	mg/kg
	4-Bromophenyl-phenylether	0.3300 U	mg/kg
	Butylbenzylphthalate	0.3300 U	mg/kg
	Carbazole	0.3300 U	mg/kg
	4-Chloro-3-Methylphenol	0.3300 U	mg/kg
	4-Chloroaniline	0.3300 U	mg/kg
	2-Chloronaphthalene	0.3300 U	mg/kg
	2-Chlorophenol	0.3300 U	mg/kg
	4-Chlorophenyl-phenylether	0.3300 U	mg/kg
	Chrysene	0.3300 U	mg/kg
	Di-n-butylphthalate	0.3300 U	mg/kg
	Di-n-octylphthalate	0.3300 U	mg/kg
	Dibenz (a, h) anthracene	0.3300 U	mg/kg
	Dibenzofuran	0.3300 U	mg/kg
	1,2-Dichlorobenzene	0.3300 U	mg/kg
	1,3-Dichlorobenzene	0.3300 U	mg/kg
	1,4-Dichlorobenzene	0.3300 U	mg/kg
	3,3'-Dichlorobenzidine	0.3300 U	mg/kg
	2,4-Dichlorophenol	0.3300 U	mg/kg
	Diethylphthalate	0.3300 U	mg/kg
	2,4-Dimethylphenol	0.3300 U	mg/kg
	Dimethylphthalate	0.3300 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.8300 U	mg/kg
	2,4-Dinitrophenol	0.8300 U	mg/kg
	2,4-Dinitrotoluene	0.3300 U	mg/kg
	2,6-Dinitrotoluene	0.3300 U	mg/kg
	Fluoranthene	0.3300 U	mg/kg
	Fluorene	0.3300 U	mg/kg
	Hexachlorobenzene	0.3300 U	mg/kg
	Hexachlorobutadiene	0.3300 U	mg/kg
	Hexachlorocyclopentadiene	0.3300 U	mg/kg
	Hexachloroethane	0.3300 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.3300 U	mg/kg
	Isophorone	0.3300 U	mg/kg
	2-Methylnaphthalene	0.3300 U	mg/kg
	2-Methylphenol	0.3300 U	mg/kg
	4-Methylphenol	0.3300 U	mg/kg
	Naphthalene	0.3300 U	mg/kg
	2-Nitroaniline	0.8300 U	mg/kg
	3-Nitroaniline	0.8300 U	mg/kg
	4-Nitroaniline	0.8300 U	mg/kg
	Nitrobenzene	0.3300 U	mg/kg
	2-Nitrophenol	0.3300 U	mg/kg
	4-Nitrophenol	0.8300 U	mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.3300 U	mg/kg
	Pentachlorophenol	0.8300 U	mg/kg
	Phenanthrene	0.3300 U	mg/kg
	Phenol	0.3300 U	mg/kg
	Pyrene	0.3300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier*
	1,2,4-Trichlorobenzene	0.3300	U mg/kg
	2,4,5-Trichlorophenol	0.8300	U mg/kg
	2,4,6-Trichlorophenol	0.3300	U mg/kg

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3K-S016 UL02 TCL Pesticides

Aldrin	0.0017	U	mg/kg
Aroclor-1016	0.0330	U	mg/kg
Aroclor-1221	0.0670	U	mg/kg
Aroclor-1232	0.0330	U	mg/kg
Aroclor-1242	0.0330	U	mg/kg
Aroclor-1248	0.0330	U	mg/kg
Aroclor-1254	0.0330	U	mg/kg
Aroclor-1260	0.0330	U	mg/kg
gamma-BHC (Lindane)	0.0017	U	mg/kg
alpha-BHC	0.0017	U	mg/kg
beta-BHC	0.0017	U	mg/kg
delta-BHC	0.0017	U	mg/kg
alpha-Chlordane	0.0017	U	mg/kg
gamma-Chlordane	0.0017	U	mg/kg
4,4'-DDD	0.0033	U	mg/kg
4,4'-DDE	0.0033	U	mg/kg
4,4'-DDT	0.0033	U	mg/kg
Dieldrin	0.0033	U	mg/kg
Endosulfan I	0.0017	U	mg/kg
Endosulfan II	0.0033	U	mg/kg
Endosulfan sulfate	0.0033	U	mg/kg
Endrin	0.0033	U	mg/kg
Endrin aldehyde	0.0033	U	mg/kg
Endrin ketone	0.0033	U	mg/kg
Heptachlor	0.0017	U	mg/kg
Heptachlor epoxide	0.0017	U	mg/kg
Methoxychlor	0.0170	U	mg/kg
Toxaphene	0.1700	U	mg/kg

4A-P002 DL02 TAL Total Inorganics

Aluminum	42.3000	J	mg/kg
Antimony	0.3700	U	mg/kg
Arsenic	0.5500	U	mg/kg
Barium	1.4000	U	mg/kg
Beryllium	0.1800	U	mg/kg
Cadmium	0.1800	U	mg/kg
Calcium	85.4000	U	mg/kg
Chromium	0.3700	U	mg/kg
Cobalt	0.1800	U	mg/kg
Copper	0.5400	U	mg/kg
Iron	217.0000	U	mg/kg
Lead	1.6000	J	mg/kg
Magnesium	8.0000	UC	mg/kg
Manganese	4.3000	U	mg/kg
Mercury	0.0900	U	mg/kg
Nickel	0.1800	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Potassium	40.5000 mg/kg
	Selenium	0.5500 U mg/kg
	Silver	0.1800 U mg/kg
	Sodium	49.8000 vJ mg/kg
	Thallium	0.5500 U mg/kg
	Vanadium	0.6300 J mg/kg
	Zinc	1.7000 J mg/kg
4A-P002 DL02	TCL Volatiles	
	Acetone	0.0150 UJ mg/kg
	Benzene	0.0100 UJv mg/kg
	Bromodichloromethane	0.0100 UJv mg/kg
	Bromoform	0.0100 UJv mg/kg
	Bromomethane	0.0100 UJv mg/kg
	2-Butanone	0.0100 UJv mg/kg
	Carbon Disulfide	0.0100 UJv mg/kg
	Carbon Tetrachloride	0.0100 UJv mg/kg
	Chlorobenzene	0.0100 UJv mg/kg
	Chloroethane	0.0100 UJv mg/kg
	Chloroform	0.0100 UJv mg/kg
	Chloromethane	0.0100 UJv mg/kg
	Dibromochloromethane	0.0100 UJv mg/kg
	1,1-Dichloroethane	0.0100 UJv mg/kg
	1,2-Dichloroethane	0.0100 UJv mg/kg
	1,2-Dichloroethene (total)	0.0100 UJv mg/kg
	1,1-Dichloroethene	0.0100 UJv mg/kg
	1,2-Dichloropropane	0.0100 UJv mg/kg
	cis-1,3-Dichloropropene	0.0100 UJv mg/kg
	trans-1,3-Dichloropropene	0.0100 UJv mg/kg
	Ethylbenzene	0.0100 UJv mg/kg
	2-Hexanone	0.0100 UJv mg/kg
	4-Methyl-2-Pentanone	0.0100 UJv mg/kg
	Methylene Chloride	0.0360 UJ mg/kg
	Styrene	0.0100 UJv mg/kg
	1,1,2,2-Tetrachloroethane	0.0100 UJv mg/kg
	Tetrachloroethene	0.0100 UJv mg/kg
	Toluene	0.0100 UJv mg/kg
	1,1,1-Trichloroethane	0.0100 UJv mg/kg
	1,1,2-Trichloroethane	0.0100 UJv mg/kg
	Trichloroethene	0.0100 UJv mg/kg
	Vinyl Chloride	0.0100 UJv mg/kg
	Xylene (total)	0.0100 UJv mg/kg
	TCL Semi-Volatiles	
	Acenaphthene	0.3300 U mg/kg
	Acenaphthylene	0.3300 U mg/kg
	Anthracene	0.3300 U mg/kg
	Benzo(a)anthracene	0.3300 U mg/kg
	Benzo(a)pyrene	0.3300 U mg/kg
	Benzo(b)fluoranthene	0.3300 U mg/kg
	Benzo(g,h,i)perylene	0.3300 U mg/kg
	Benzo(k)fluoranthene	0.3300 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	bis (2-Chloroethoxy) Methane	0.3300 U mg/kg
	bis (2-Chloroethyl) Ether	0.3300 U mg/kg
	bis (2-Ethylhexyl) phthalate	0.3300 U mg/kg
	4-Bromophenyl-phenylether	0.3300 U mg/kg
	Butylbenzylphthalate	0.3300 U mg/kg
	Carbazole	0.3300 U mg/kg
	4-Chloro-3-Methylphenol	0.3300 U mg/kg
	4-Chloroaniline	0.3300 U mg/kg
	2-Chloronaphthalene	0.3300 U mg/kg
	2-Chlorophenol	0.3300 U mg/kg
	4-Chlorophenyl-phenylether	0.3300 U mg/kg
	Chrysene	0.3300 U mg/kg
	Di-n-butylphthalate	0.3300 U mg/kg
	Di-n-octylphthalate	0.3300 U mg/kg
	Dibenz (a,h) anthracene	0.3300 U mg/kg
	Dibenzofuran	0.3300 U mg/kg
	1,2-Dichlorobenzene	0.3300 U mg/kg
	1,3-Dichlorobenzene	0.3300 U mg/kg
	1,4-Dichlorobenzene	0.3300 U mg/kg
	3,3'-Dichlorobenzidine	0.3300 U mg/kg
	2,4-Dichlorophenol	0.3300 U mg/kg
	Diethylphthalate	0.3300 U mg/kg
	2,4-Dimethylphenol	0.3300 U mg/kg
	Dimethylphthalate	0.3300 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.8300 U mg/kg
	2,4-Dinitrophenol	0.8300 U mg/kg
	2,4-Dinitrotoluene	0.3300 U mg/kg
	2,6-Dinitrotoluene	0.3300 U mg/kg
	Fluoranthene	0.3300 U mg/kg
	Fluorene	0.3300 U mg/kg
	Hexachlorobenzene	0.3300 U mg/kg
	Hexachlorobutadiene	0.3300 U mg/kg
	Hexachlorocyclopentadiene	0.3300 U mg/kg
	Hexachloroethane	0.3300 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.3300 U mg/kg
	Isophorone	0.3300 U mg/kg
	2-Methylnaphthalene	0.3300 U mg/kg
	2-Methylphenol	0.3300 U mg/kg
	4-Methylphenol	0.3300 U mg/kg
	Naphthalene	0.3300 U mg/kg
	2-Nitroaniline	0.8300 U mg/kg
	3-Nitroaniline	0.8300 U mg/kg
	4-Nitroaniline	0.8300 U mg/kg
	Nitrobenzene	0.3300 U mg/kg
	2-Nitrophenol	0.3300 U mg/kg
	4-Nitrophenol	0.8300 U mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.3300 U mg/kg
	Pentachlorophenol	0.8300 U mg/kg
	Phenanthrene	0.3300 U mg/kg
	Phenol	0.3300 U mg/kg
	Pyrene	0.3300 U mg/kg
	1,2,4-Trichlorobenzene	0.3300 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	2,4,5-Trichlorophenol	0.8300 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg
4A-P002 DL02	TCL Pesticides		
	Aldrin	0.0017 U	mg/kg
	Aroclor-1016	0.0330 U	mg/kg
	Aroclor-1221	0.0670 U	mg/kg
	Aroclor-1232	0.0330 U	mg/kg
	Aroclor-1242	0.0330 U	mg/kg
	Aroclor-1248	0.0330 U	mg/kg
	Aroclor-1254	0.0330 U	mg/kg
	Aroclor-1260	0.0330 U	mg/kg
	gamma-BHC (Lindane)	0.0017 U	mg/kg
	alpha-BHC	0.0017 U	mg/kg
	beta-BHC	0.0017 U	mg/kg
	delta-BHC	0.0017 U	mg/kg
	alpha-Chlordane	0.0017 U	mg/kg
	gamma-Chlordane	0.0017 U	mg/kg
	4,4'-DDD	0.0033 U	mg/kg
	4,4'-DDE	0.0033 U	mg/kg
	4,4'-DDT	0.0033 U	mg/kg
	Dieldrin	0.0033 U	mg/kg
	Endosulfan I	0.0017 U	mg/kg
	Endosulfan II	0.0033 U	mg/kg
	Endosulfan sulfate	0.0033 U	mg/kg
	Endrin	0.0033 U	mg/kg
	Endrin aldehyde	0.0033 U	mg/kg
	Endrin ketone	0.0033 U	mg/kg
	Heptachlor	0.0017 U	mg/kg
	Heptachlor epoxide	0.0017 U	mg/kg
	Methoxychlor	0.0170 U	mg/kg
	Toxaphene	0.1700 U	mg/kg
	TCLP Inorganics		
	Arsenic	0.0035 U	mg/L
	Barium	0.3110 U	mg/L
	Cadmium	0.0005 U	mg/L
	Chromium	0.0022 U	mg/L
	Lead	0.0071 U	mg/L
	Mercury	0.0002 UCV	mg/L
	Selenium	0.0081 B*	mg/L
	Silver	0.0008 U	mg/L
	TCLP Volatiles		
	Benzene	0.0500 U	mg/L
	2-Butanone	0.1000 U	mg/L
	Carbon Tetrachloride	0.0500 U	mg/L
	Chlorobenzene	0.0500 U	mg/L
	Chloroform	0.0250 U	mg/L
	1,2-Dichloroethane	0.0250 U	mg/L
	1,1-Dichloroethene	0.0250 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier
	Tetrachloroethene	0.0500	U mg/L
	Trichloroethene	0.0250	U mg/L
	Vinyl Chloride	0.0500	U mg/L

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4A-P002 DL02 TCLP Semi-Volatiles

1,4-Dichlorobenzene	0.0500	U mg/L
2,4-Dinitrotoluene	0.0500	U mg/L
Hexachlorobenzene	0.0750	U mg/L
Hexachlorobutadiene	0.0250	U mg/L
Hexachloroethane	0.0500	U mg/L
2-Methylphenol	0.1000	U mg/L
3-Methylphenol	0.1800	U mg/L
4-Methylphenol	0.1800	U mg/L
Nitrobenzene	0.0500	U mg/L
Pentachlorophenol	0.2800	U mg/L
Pyridine	0.1000	U mg/L
2,4,5-Trichlorophenol	0.1200	U mg/L
2,4,6-Trichlorophenol	0.1200	U mg/L

TCLP Pesticides

gamma-BHC (Lindane)	0.2000	U mg/L
Chlordane	0.0150	U mg/L
2,4-Dichlorophenoxyacetic acid	5.0000	U mg/L
Endrin	0.0100	U mg/L
Heptachlor	0.0040	U mg/L
Heptachlor epoxide	0.0040	U mg/L
Methoxychlor	5.0000	U mg/L
2,4,5-TP (Silvex)	0.5000	U mg/L
Toxaphene	0.2500	U mg/L

4A-S030 UL03 TAL Total Inorganics

Aluminum	39.9000	mg/kg
Antimony	0.6000	U mg/kg
Arsenic	0.6000	U mg/kg
Barium	3.8000	mg/kg
Beryllium	0.2000	U mg/kg
Cadmium	0.2000	U mg/kg
Calcium	69.6000	mg/kg
Chromium	0.4500	mg/kg
Cobalt	0.2000	U mg/kg
Copper	1.7000	mg/kg
Iron	313.0000	mg/kg
Lead	0.6400	U mg/kg
Magnesium	24.9000	mg/kg
Manganese	13.6000	mg/kg
Mercury	0.1000	U mg/kg
Nickel	0.3300	mg/kg
Potassium	445.0000	U mg/kg
Selenium	0.6000	U mg/kg
Silver	0.2000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4A-S030 UL03	Sodium	22.9000 U	mg/kg
	Thallium	0.8000 U	mg/kg
	Vanadium	0.7500	mg/kg
	Zinc	1.6000	mg/kg
4A-S030 UL03	TCL Volatiles		
	Acetone	0.0100 U	mg/kg
	Benzene	0.0100 U	mg/kg
	Bromodichloromethane	0.0100 U	mg/kg
	Bromoform	0.0100 U	mg/kg
	Bromomethane	0.0100 U	mg/kg
	2-Butanone	0.0100 U	mg/kg
	Carbon Disulfide	0.0100 U	mg/kg
	Carbon Tetrachloride	0.0100 U	mg/kg
	Chlorobenzene	0.0100 U	mg/kg
	Chloroethane	0.0100 U	mg/kg
	Chloroform	0.0100 U	mg/kg
	Chloromethane	0.0100 U	mg/kg
	Dibromochloromethane	0.0100 U	mg/kg
	1,1-Dichloroethane	0.0100 U	mg/kg
	1,2-Dichloroethane	0.0100 U	mg/kg
	1,2-Dichloroethene (total)	0.0100 U	mg/kg
	1,1-Dichloroethene	0.0100 U	mg/kg
	1,2-Dichloropropane	0.0100 U	mg/kg
	cis-1,3-Dichloropropene	0.0100 U	mg/kg
	trans-1,3-Dichloropropene	0.0100 U	mg/kg
	Ethylbenzene	0.0100 U	mg/kg
	2-Hexanone	0.0100 U	mg/kg
	4-Methyl-2-Pentanone	0.0100 U	mg/kg
	Methylene Chloride	0.0100 U	mg/kg
	Styrene	0.0160 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.0100 U	mg/kg
	Tetrachloroethene	0.0100 U	mg/kg
	Toluene	0.0100 U	mg/kg
	1,1,1-Trichloroethane	0.0100 U	mg/kg
	1,1,2-Trichloroethane	0.0100 U	mg/kg
	Trichloroethene	0.0100 U	mg/kg
	Vinyl Chloride	0.0100 U	mg/kg
	Xylene (total)	0.0100 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.3300 U	mg/kg
	Acenaphthylene	0.3300 U	mg/kg
	Anthracene	0.3300 U	mg/kg
	Benzo (a) anthracene	0.3300 U	mg/kg
	Benzo (a) pyrene	0.3300 U	mg/kg
	Benzo (b) fluoranthene	0.3300 U	mg/kg
	Benzo (g,h,i) perylene	0.3300 U	mg/kg
	Benzo (k) fluoranthene	0.3300 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.3300 U	mg/kg
	bis (2-Chloroethyl) Ether	0.3300 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.3300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	4-Bromophenyl-phenylether	0.3300 U mg/kg
	Butylbenzylphthalate	0.3300 U mg/kg
	Carbazole	0.3300 U mg/kg
	4-Chloro-3-Methylphenol	0.3300 U mg/kg
	4-Chloroaniline	0.3300 U mg/kg
	2-Chloronaphthalene	0.3300 U mg/kg
	2-Chlorophenol	0.3300 U mg/kg
	4-Chlorophenyl-phenylether	0.3300 U mg/kg
	Chrysene	0.3300 U mg/kg
	Di-n-butylphthalate	0.3300 U mg/kg
	Di-n-octylphthalate	0.3300 U mg/kg
	Dibenz (a,h) anthracene	0.3300 U mg/kg
	Dibenzofuran	0.3300 U mg/kg
	1,2-Dichlorobenzene	0.3300 U mg/kg
	1,3-Dichlorobenzene	0.3300 U mg/kg
	1,4-Dichlorobenzene	0.3300 U mg/kg
	3,3'-Dichlorobenzidine	0.3300 U mg/kg
	2,4-Dichlorophenol	0.3300 U mg/kg
	Diethylphthalate	0.3300 U mg/kg
	2,4-Dimethylphenol	0.3300 U mg/kg
	Dimethylphthalate	0.3300 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.8400 U mg/kg
	2,4-Dinitrophenol	0.8400 U mg/kg
	2,4-Dinitrotoluene	0.3300 U mg/kg
	2,6-Dinitrotoluene	0.3300 U mg/kg
	Fluoranthene	0.3300 U mg/kg
	Fluorene	0.3300 U mg/kg
	Hexachlorobenzene	0.3300 U mg/kg
	Hexachlorobutadiene	0.3300 U mg/kg
	Hexachlorocyclopentadiene	0.3300 U mg/kg
	Hexachloroethane	0.3300 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.3300 U mg/kg
	Isophorone	0.3300 U mg/kg
	2-Methylnaphthalene	0.3300 U mg/kg
	2-Methylphenol	0.3300 U mg/kg
	4-Methylphenol	0.3300 U mg/kg
	Naphthalene	0.3300 U mg/kg
	2-Nitroaniline	0.8400 U mg/kg
	3-Nitroaniline	0.8400 U mg/kg
	4-Nitroaniline	0.8400 U mg/kg
	Nitrobenzene	0.3300 U mg/kg
	2-Nitrophenol	0.3300 U mg/kg
	4-Nitrophenol	0.8400 U mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.3300 U mg/kg
	Pentachlorophenol	0.8400 U mg/kg
	Phenanthrene	0.3300 U mg/kg
	Phenol	0.3300 U mg/kg
	Pyrene	0.3300 U mg/kg
	1,2,4-Trichlorobenzene	0.3300 U mg/kg
	2,4,5-Trichlorophenol	0.8400 U mg/kg
	2,4,6-Trichlorophenol	0.3300 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4A-S030 UL03	TCL Pesticides		
	Aldrin	0.0017 U	mg/kg
	Aroclor-1016	0.0330 U	mg/kg
	Aroclor-1221	0.0670 U	mg/kg
	Aroclor-1232	0.0330 U	mg/kg
	Aroclor-1242	0.0330 U	mg/kg
	Aroclor-1248	0.0330 U	mg/kg
	Aroclor-1254	0.0330 U	mg/kg
	Aroclor-1260	0.0330 U	mg/kg
	gamma-BHC (Lindane)	0.0017 U	mg/kg
	alpha-BHC	0.0017 U	mg/kg
	beta-BHC	0.0017 U	mg/kg
	delta-BHC	0.0017 U	mg/kg
	alpha-Chlordane	0.0017 U	mg/kg
	gamma-Chlordane	0.0017 U	mg/kg
	4,4'-DDD	0.0017 U	mg/kg
	4,4'-DDE	0.0033 U	mg/kg
	4,4'-DDT	0.0033 U	mg/kg
	Dieldrin	0.0033 U	mg/kg
	Endosulfan I	0.0017 U	mg/kg
	Endosulfan II	0.0033 U	mg/kg
	Endosulfan sulfate	0.0033 U	mg/kg
	Endrin	0.0033 U	mg/kg
	Endrin aldehyde	0.0033 U	mg/kg
	Endrin ketone	0.0033 U	mg/kg
	Heptachlor	0.0017 U	mg/kg
	Heptachlor epoxide	0.0017 U	mg/kg
	Methoxychlor	0.0170 U	mg/kg
	Toxaphene	0.1700 U	mg/kg
4A-S034 SL01	TAL Total Inorganics		
	Aluminum	118.0000	mg/kg
	Antimony	1.0000 U	mg/kg
	Arsenic	1.6000	mg/kg
	Barium	2.0000	mg/kg
	Beryllium	0.2000 U	mg/kg
	Cadmium	0.4000 U	mg/kg
	Calcium	385.0000	mg/kg
	Chromium	1.0000 U	mg/kg
	Cobalt	0.4000 U	mg/kg
	Copper	12.2000	mg/kg
	Iron	464.0000	mg/kg
	Lead	3.6000	mg/kg
	Magnesium	36.7000 UC	mg/kg
	Manganese	4.4000	mg/kg
	Mercury	0.1000 U	mg/kg
	Nickel	2.0000 U	mg/kg
	Potassium	40.0000 U	mg/kg
	Selenium	1.0000 U	mg/kg
	Silver	0.6000 U	mg/kg
	Sodium	72.5000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Thallium	1.5000 UC	mg/kg
	Vanadium	1.1000 -	mg/kg
	Zinc	12.3000 -	mg/kg

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4B-S023 UL02 TAL Total Inorganics

Aluminum	53.1000	-	mg/kg
Antimony	7.7000	-	mg/kg
Arsenic	0.3600	U	mg/kg
Barium	1.0000	-	mg/kg
Beryllium	0.0600	U	mg/kg
Cadmium	0.6800	U	mg/kg
Calcium	40.3000	U	mg/kg
Chromium	0.7200	-	mg/kg
Cobalt	1.0000	U	mg/kg
Copper	0.5600	U	mg/kg
Iron	207.0000	-	mg/kg
Lead	0.5000	UCJ	mg/kg
Magnesium	9.2000	-	mg/kg
Manganese	2.2000	-	mg/kg
Mercury	0.0500	U	mg/kg
Nickel	2.9000	U	mg/kg
Potassium	107.0000	U	mg/kg
Selenium	0.1600	U	mg/kg
Silver	1.8000	U	mg/kg
Sodium	7.1000	-	mg/kg
Thallium	0.1400	U	mg/kg
Vanadium	0.6900	-	mg/kg
Zinc	0.8800	-	mg/kg

TCL Volatiles

Acetone	0.0820	BJ	mg/kg
Benzene	0.0100	UJv	mg/kg
Bromodichloromethane	0.0100	UJv	mg/kg
Bromoform	0.0100	UJv	mg/kg
Bromomethane	0.0100	UJv	mg/kg
2-Butanone	0.0100	UJv	mg/kg
Carbon Disulfide	0.0100	UJv	mg/kg
Carbon Tetrachloride	0.0100	UJv	mg/kg
Chlorobenzene	0.0100	UJv	mg/kg
Chloroethane	0.0100	UJv	mg/kg
Chloroform	0.0100	UJv	mg/kg
Chloromethane	0.0100	UJv	mg/kg
Dibromochloromethane	0.0100	UJv	mg/kg
1,1-Dichloroethane	0.0100	UJv	mg/kg
1,2-Dichloroethane	0.0100	UJv	mg/kg
1,2-Dichloroethene (total)	0.0100	UJv	mg/kg
1,1-Dichloroethene	0.0100	UJv	mg/kg
1,2-Dichloropropane	0.0100	UJv	mg/kg
cis-1,3-Dichloropropene	0.0100	UJv	mg/kg
trans-1,3-Dichloropropene	0.0100	UJv	mg/kg
Ethylbenzene	0.0100	UJv	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier		
	2-Hexanone	0.0100	UJv	mg/kg
	4-Methyl-2-Pentanone	0.0100	UJv	mg/kg
	Methylene Chloride	0.0450	UJ	mg/kg
	Styrene	0.0100	UJv	mg/kg
	1,1,2,2-Tetrachloroethane	0.0100	UJv	mg/kg
	Tetrachloroethene	0.0100	UJv	mg/kg
	Toluene	0.0100	UJv	mg/kg
	1,1,1-Trichloroethane	0.0100	UJv	mg/kg
	1,1,2-Trichloroethane	0.0100	UJv	mg/kg
	Trichloroethene	0.0100	UJv	mg/kg
	Vinyl Chloride	0.0100	UJv	mg/kg
	Xylene (total)	0.0100	UJv	mg/kg
4B-S023 UL02	TCL Semi-Volatiles			
	Acenaphthene	0.3300	U	mg/kg
	Acenaphthylene	0.3300	U	mg/kg
	Anthracene	0.3300	U	mg/kg
	Benzo(a)anthracene	0.3300	U	mg/kg
	Benzo(a)pyrene	0.3300	U	mg/kg
	Benzo(b)fluoranthene	0.3300	U	mg/kg
	Benzo(g,h,i)perylene	0.3300	U	mg/kg
	Benzo(k)fluoranthene	0.3300	U	mg/kg
	bis(2-Chloroethoxy)Methane	0.3300	U	mg/kg
	bis(2-Chloroethyl)Ether	0.3300	U	mg/kg
	bis(2-Ethylhexyl)phthalate	0.3300	U	mg/kg
	4-Bromophenyl-phenylether	0.3300	U	mg/kg
	Butylbenzylphthalate	0.3300	U	mg/kg
	Carbazole	0.3300	U	mg/kg
	4-Chloro-3-Methylphenol	0.3300	U	mg/kg
	4-Chloroaniline	0.3300	U	mg/kg
	2-Chloronaphthalene	0.3300	U	mg/kg
	2-Chlorophenol	0.3300	U	mg/kg
	4-Chlorophenyl-phenylether	0.3300	U	mg/kg
	Chrysene	0.3300	U	mg/kg
	Di-n-butylphthalate	0.3300	U	mg/kg
	Di-n-octylphthalate	0.3300	U	mg/kg
	Dibenz(a,h)anthracene	0.3300	U	mg/kg
	Dibenzofuran	0.3300	U	mg/kg
	1,2-Dichlorobenzene	0.3300	U	mg/kg
	1,3-Dichlorobenzene	0.3300	U	mg/kg
	1,4-Dichlorobenzene	0.3300	U	mg/kg
	3,3'-Dichlorobenzidine	0.3300	U	mg/kg
	2,4-Dichlorophenol	0.3300	U	mg/kg
	Diethylphthalate	0.3300	U	mg/kg
	2,4-Dimethylphenol	0.3300	U	mg/kg
	Dimethylphthalate	0.3300	U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.8400	U	mg/kg
	2,4-Dinitrophenol	0.8400	U	mg/kg
	2,4-Dinitrotoluene	0.3300	U	mg/kg
	2,6-Dinitrotoluene	0.3300	U	mg/kg
	Fluoranthene	0.3300	U	mg/kg
	Fluorene	0.3300	U	mg/kg
	Hexachlorobenzene	0.3300	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Hexachlorobutadiene	0.3300 U	mg/kg
	Hexachlorocyclopentadiene	0.3300 U	mg/kg
	Hexachloroethane	0.3300 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.3300 U	mg/kg
	Isophorone	0.3300 U	mg/kg
	2-Methylnaphthalene	0.3300 U	mg/kg
	2-Methylphenol	0.3300 U	mg/kg
	4-Methylphenol	0.3300 U	mg/kg
	Naphthalene	0.3300 U	mg/kg
	2-Nitroaniline	0.8400 U	mg/kg
	3-Nitroaniline	0.8400 U	mg/kg
	4-Nitroaniline	0.8400 U	mg/kg
	Nitrobenzene	0.3300 U	mg/kg
	2-Nitrophenol	0.3300 U	mg/kg
	4-Nitrophenol	0.8400 U	mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.3300 U	mg/kg
	Pentachlorophenol	0.8400 U	mg/kg
	Phenanthrene	0.3300 U	mg/kg
	Phenol	0.3300 U	mg/kg
	Pyrene	0.3300 U	mg/kg
	1,2,4-Trichlorobenzene	0.3300 U	mg/kg
	2,4,5-Trichlorophenol	0.8400 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg

4B-S023 UL02 TCL Pesticides

Aldrin	0.0017 U	mg/kg
Aroclor-1016	0.0330 U	mg/kg
Aroclor-1221	0.0680 U	mg/kg
Aroclor-1232	0.0330 U	mg/kg
Aroclor-1242	0.0330 U	mg/kg
Aroclor-1248	0.0330 U	mg/kg
Aroclor-1254	0.0330 U	mg/kg
Aroclor-1260	0.0330 U	mg/kg
gamma-BHC (Lindane)	0.0017 U	mg/kg
alpha-BHC	0.0017 U	mg/kg
beta-BHC	0.0017 U	mg/kg
delta-BHC	0.0017 U	mg/kg
alpha-Chlordane	0.0017 U	mg/kg
gamma-Chlordane	0.0017 U	mg/kg
4,4'-DDD	0.0033 U	mg/kg
4,4'-DDE	0.0033 U	mg/kg
4,4'-DDT	0.0033 U	mg/kg
Dieldrin	0.0033 U	mg/kg
Endosulfan I	0.0017 U	mg/kg
Endosulfan II	0.0033 U	mg/kg
Endosulfan sulfate	0.0033 U	mg/kg
Endrin	0.0033 U	mg/kg
Endrin aldehyde	0.0033 U	mg/kg
Endrin ketone	0.0033 U	mg/kg
Heptachlor	0.0017 U	mg/kg
Heptachlor epoxide	0.0017 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier
	Methoxychlor	0.0170	U mg/kg
	Toxaphene	0.1700	U mg/kg

4C-S020 SL01 TAL Total Inorganics

Aluminum	45.6000	U	mg/kg
Antimony	2.7000	U	mg/kg
Arsenic	0.3300	U	mg/kg
Barium	1.8000	UC	mg/kg
Beryllium	0.1400	U	mg/kg
Cadmium	0.1600	U	mg/kg
Calcium	86.0000	UCJ	mg/kg
Chromium	1.3000	U	mg/kg
Cobalt	0.3500	U	mg/kg
Copper	1.3000	UC	mg/kg
Iron	209.0000	J	mg/kg
Lead	0.8000	U	mg/kg
Magnesium	16.1000	UC	mg/kg
Manganese	3.3000	Jv	mg/kg
Mercury	0.0500	U	mg/kg
Nickel	0.8000	U	mg/kg
Potassium	39.1000	UC	mg/kg
Selenium	0.4900	U	mg/kg
Silver	0.5700	U	mg/kg
Sodium	27.5000	UC	mg/kg
Thallium	0.3300	U	mg/kg
Vanadium	0.8700	U	mg/kg
Zinc	0.9800	UC	mg/kg

4C-S074 SL03 TAL Total Inorganics

Aluminum	73.8000	UC	mg/kg
Antimony	1.0000	U	mg/kg
Arsenic	2.0000	UJ	mg/kg
Barium	1.5000	Jv	mg/kg
Beryllium	0.2000	UC	mg/kg
Cadmium	0.4000	U	mg/kg
Calcium	610.0000	U	mg/kg
Chromium	1.0000	U	mg/kg
Cobalt	0.4000	U	mg/kg
Copper	18.3000	U	mg/kg
Iron	231.0000	U	mg/kg
Lead	3.4000	U	mg/kg
Magnesium	81.1000	U	mg/kg
Manganese	2.4000	Jv	mg/kg
Mercury	0.1000	U	mg/kg
Nickel	2.0000	U	mg/kg
Potassium	40.0000	U	mg/kg
Selenium	0.8000	U	mg/kg
Silver	0.6000	U	mg/kg
Sodium	289.0000	J	mg/kg
Thallium	1.8000	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Vanadium	0.4000	U mg/kg
	Zinc	7.5000	U mg/kg
4C-S077 EL03	TAL Total Inorganics		
	Aluminum	42.7000	U mg/kg
	Antimony	2.7000	U mg/kg
	Arsenic	0.3300	U mg/kg
	Barium	0.7100	U mg/kg
	Beryllium	0.4300	UC mg/kg
	Cadmium	0.1600	U mg/kg
	Calcium	49.8000	UC mg/kg
	Chromium	1.3000	U mg/kg
	Cobalt	0.3500	U mg/kg
	Copper	0.6600	U mg/kg
	Iron	243.0000	U mg/kg
	Lead	0.8000	U mg/kg
	Magnesium	10.8000	U mg/kg
	Manganese	3.0000	U mg/kg
	Mercury	0.0500	U mg/kg
	Nickel	0.8000	U mg/kg
	Potassium	22.3000	U mg/kg
	Selenium	0.4900	U mg/kg
	Silver	0.5600	U mg/kg
	Sodium	33.7000	UC mg/kg
	Thallium	0.3300	U mg/kg
	Vanadium	0.4900	U mg/kg
	Zinc	2.9000	UCJ mg/kg
	TCL Volatiles		
	Acetone	0.0120	U mg/kg
	Benzene	0.0100	U mg/kg
	Bromodichloromethane	0.0100	U mg/kg
	Bromoform	0.0100	U mg/kg
	Bromomethane	0.0100	U mg/kg
	2-Butanone	0.0100	U mg/kg
	Carbon Disulfide	0.0100	U mg/kg
	Carbon Tetrachloride	0.0100	U mg/kg
	Chlorobenzene	0.0100	U mg/kg
	Chloroethane	0.0100	U mg/kg
	Chloroform	0.0100	U mg/kg
	Chloromethane	0.0100	U mg/kg
	Dibromochloromethane	0.0100	U mg/kg
	1,1-Dichloroethane	0.0100	U mg/kg
	1,2-Dichloroethane	0.0100	U mg/kg
	1,2-Dichloroethene (total)	0.0100	U mg/kg
	1,1-Dichloroethene	0.0100	U mg/kg
	1,2-Dichloropropane	0.0100	U mg/kg
	cis-1,3-Dichloropropene	0.0100	U mg/kg
	trans-1,3-Dichloropropene	0.0100	U mg/kg
	Ethylbenzene	0.0100	U mg/kg
	2-Hexanone	0.0100	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4C-S077 EL03	4-Methyl-2-Pentanone	0.0100 U	mg/kg
	Methylene Chloride	0.0100 U	mg/kg
	Styrene	0.0100 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.0100 U	mg/kg
	Tetrachloroethene	0.0100 U	mg/kg
	Toluene	0.0100 U	mg/kg
	1,1,1-Trichloroethane	0.0100 U	mg/kg
	1,1,2-Trichloroethane	0.0100 U	mg/kg
	Trichloroethene	0.0100 U	mg/kg
	Vinyl Chloride	0.0100 U	mg/kg
	Xylene (total)	0.0100 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.3300 U	mg/kg
4C-S077 EL03	Acenaphthylene	0.3300 U	mg/kg
	Anthracene	0.3300 U	mg/kg
	Benzo(a)anthracene	0.3300 U	mg/kg
	Benzo(a)pyrene	0.3300 U	mg/kg
	Benzo(b)fluoranthene	0.3300 U	mg/kg
	Benzo(g,h,i)perylene	0.3300 U	mg/kg
	Benzo(k)fluoranthene	0.3300 U	mg/kg
	bis(2-Chloroethoxy)Methane	0.3300 U	mg/kg
	bis(2-Chloroethyl)Ether	0.3300 U	mg/kg
	bis(2-Ethylhexyl)phthalate	0.3300 U	mg/kg
	4-Bromophenyl-phenylether	0.3300 U	mg/kg
	Butylbenzylphthalate	0.3300 U	mg/kg
	Carbazole	0.3300 U	mg/kg
	4-Chloro-3-Methylphenol	0.3300 U	mg/kg
	4-Chloroaniline	0.3300 U	mg/kg
	2-Chloronaphthalene	0.3300 U	mg/kg
	2-Chlorophenol	0.3300 U	mg/kg
	4-Chlorophenyl-phenylether	0.3300 U	mg/kg
	Chrysene	0.3300 U	mg/kg
	Di-n-butylphthalate	0.3300 U	mg/kg
	Di-n-octylphthalate	0.3300 U	mg/kg
	Dibenz(a,h)anthracene	0.3300 U	mg/kg
	Dibenzofuran	0.3300 U	mg/kg
	1,2-Dichlorobenzene	0.3300 U	mg/kg
	1,3-Dichlorobenzene	0.3300 U	mg/kg
	1,4-Dichlorobenzene	0.3300 U	mg/kg
	3,3'-Dichlorobenzidine	0.3300 U	mg/kg
	2,4-Dichlorophenol	0.3300 U	mg/kg
	Diethylphthalate	0.3300 U	mg/kg
	2,4-Dimethylphenol	0.3300 U	mg/kg
	Dimethylphthalate	0.3300 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.7900 U	mg/kg
	2,4-Dinitrophenol	0.7900 U	mg/kg
	2,4-Dinitrotoluene	0.3300 U	mg/kg
	2,6-Dinitrotoluene	0.3300 U	mg/kg
	Fluoranthene	0.3300 U	mg/kg
	Fluorene	0.3300 U	mg/kg
	Hexachlorobenzene	0.3300 U	mg/kg
	Hexachlorobutadiene	0.3300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Hexachlorocyclopentadiene	0.3300 U	mg/k
	Hexachloroethane	0.3300 U	mg/k
	Indeno (1,2,3-cd) pyrene	0.3300 U	mg/k
	Isophorone	0.3300 U	mg/k
	2-Methylnaphthalene	0.3300 U	mg/kg
	2-Methylphenol	0.3300 U	mg/kg
	4-Methylphenol	0.3300 U	mg/kg
	Naphthalene	0.3300 U	mg/kg
	2-Nitroaniline	0.7900 U	mg/kg
	3-Nitroaniline	0.7900 U	mg/kg
	4-Nitroaniline	0.7900 U	mg/kg
	Nitrobenzene	0.3300 U	mg/kg
	2-Nitrophenol	0.3300 U	mg/kg
	4-Nitrophenol	0.7900 U	mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.3300 U	mg/kg
	Pentachlorophenol	0.7900 U	mg/kg
	Phenanthrene	0.3300 U	mg/kg
	Phenol	0.3300 U	mg/kg
	Pyrene	0.3300 U	mg/kg
	1,2,4-Trichlorobenzene	0.3300 U	mg/kg
	2,4,5-Trichlorophenol	0.7900 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg

4C-S077 EL03 TCL Pesticides

Aldrin	0.0017 U	mg/kg
Aroclor-1016	0.0330 U	mg/kg
Aroclor-1221	0.0670 U	mg/kg
Aroclor-1232	0.0330 U	mg/kg
Aroclor-1242	0.0330 U	mg/kg
Aroclor-1248	0.0330 U	mg/kg
Aroclor-1254	0.0330 U	mg/kg
Aroclor-1260	0.0330 U	mg/kg
gamma-BHC (Lindane)	0.0017 U	mg/kg
alpha-BHC	0.0017 U	mg/kg
beta-BHC	0.0017 U	mg/kg
delta-BHC	0.0017 U	mg/kg
alpha-Chlordane	0.0017 U	mg/kg
gamma-Chlordane	0.0017 U	mg/kg
4,4'-DDD	0.0033 U	mg/kg
4,4'-DDE	0.0033 U	mg/kg
4,4'-DDT	0.0033 U	mg/kg
Dieldrin	0.0033 U	mg/kg
Endosulfan I	0.0017 U	mg/kg
Endosulfan II	0.0033 U	mg/kg
Endosulfan sulfate	0.0033 U	mg/kg
Endrin	0.0033 U	mg/kg
Endrin aldehyde	0.0033 U	mg/kg
Endrin ketone	0.0033 U	mg/kg
Heptachlor	0.0017 U	mg/kg
Heptachlor epoxide	0.0017 U	mg/kg
Methoxychlor	0.0170 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier	
	Toxaphene	0.1700 U	mg/kg
4C-S104 SL03	TAL Total Inorganics		
	Aluminum	36.0000	mg/kg
	Antimony	0.8000 UJV	mg/kg
	Arsenic	0.8000 U	mg/kg
	Barium	0.9800	mg/kg
	Beryllium	0.2000 U	mg/kg
	Cadmium	0.2000 U	mg/kg
	Calcium	68.4000	mg/kg
	Chromium	0.3300 U	mg/kg
	Cobalt	0.2000 U	mg/kg
	Copper	0.2000 U	mg/kg
	Iron	200.0000	mg/kg
	Lead	0.4900 UC	mg/kg
	Magnesium	8.0000	mg/kg
	Manganese	2.4000	mg/kg
	Mercury	0.1000 U	mg/kg
	Nickel	0.4700 UC	mg/kg
	Potassium	24.9000	mg/kg
	Selenium	0.6300 UC	mg/kg
	Silver	0.4000 U	mg/kg
	Sodium	26.4000	mg/kg
	Thallium	0.8000 U	mg/kg
	Vanadium	0.5900	mg/kg
	Zinc	1.3000	mg/kg
	TCLP Inorganics		
	Arsenic	0.0032 U	mg/L
	Barium	0.1760 B	mg/L
	Cadmium	0.0003 U	mg/L
	Chromium	0.0009 U	mg/L
	Lead	0.0029 B	mg/L
	Mercury	0.0002 UCV	mg/L
	Selenium	0.0044 U	mg/L
	Silver	0.0005 U	mg/L
	TCLP Volatiles		
	Benzene	0.0100 U	mg/L
	2-Butanone	0.0440	mg/L
	Carbon Tetrachloride	0.0100 U	mg/L
	Chlorobenzene	0.0100 U	mg/L
	Chloroform	0.0050 U	mg/L
	1,2-Dichloroethane	0.0050 U	mg/L
	1,1-Dichloroethene	0.0050 U	mg/L
	Tetrachloroethene	0.0100 U	mg/L
	Trichloroethene	0.0050 U	mg/L
	Vinyl Chloride	0.0100 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4C-S104 SL03	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.0500 U	mg/L
	2,4-Dinitrotoluene	0.0500 U	mg/L
	Hexachlorobenzene	0.0750 U	mg/L
	Hexachlorobutadiene	0.0250 U	mg/L
	Hexachloroethane	0.0500 U	mg/L
	2-Methylphenol	0.1000 U	mg/L
	3-Methylphenol	0.1800 U	mg/L
	4-Methylphenol	0.1800 U	mg/L
	Nitrobenzene	0.0500 U	mg/L
	Pentachlorophenol	0.2800 U	mg/L
	Pyridine	0.1000 U	mg/L
	2,4,5-Trichlorophenol	0.1200 U	mg/L
	2,4,6-Trichlorophenol	0.1200 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.2000 U	mg/L
	Chlordane	0.0150 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.0000 U	mg/L
	Endrin	0.0100 U	mg/L
	Heptachlor	0.0040 U	mg/L
	Heptachlor epoxide	0.0040 U	mg/L
	Methoxychlor	5.0000 U	mg/L
	2,4,5-TP (Silvex)	0.5000 U	mg/L
	Toxaphene	0.2500 U	mg/L
	Wet Chemistry		
	TOC	1,110.0000	mg/kg
4C-S110 SL03	TAL Total Inorganics		
	Aluminum	50.8000	mg/kg
	Antimony	0.3100 UJv	mg/kg
	Arsenic	0.4700 U	mg/kg
	Barium	1.2000	mg/kg
	Beryllium	0.1600 U	mg/kg
	Cadmium	0.1600 U	mg/kg
	Calcium	60.3000	mg/kg
	Chromium	0.3500	mg/kg
	Cobalt	0.1700	mg/kg
	Copper	0.2900 J	mg/kg
	Iron	231.0000 J	mg/kg
	Lead	0.3500 J	mg/kg
	Magnesium	8.7000 UC	mg/kg
	Manganese	2.9000	mg/kg
	Mercury	0.0800 U	mg/kg
	Nickel	0.2200	mg/kg
	Potassium	188.0000 U	mg/kg
	Selenium	0.4700 U	mg/kg
	Silver	0.1600 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*		
	Sodium	16.9000	UJ	mg/kg
	Thallium	0.4700	U	mg/kg
	Vanadium	0.7800	U	mg/kg
	Zinc	2.5000	UC	mg/kg

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4D-P004 WL03 TAL Total Inorganics

Aluminum	45.1000	UC	µg/L
Antimony	2.0000	U	µg/L
Arsenic	3.0000	U	µg/L
Barium	1.0000	U	µg/L
Beryllium	1.0000	U	µg/L
Cadmium	1.0000	U	µg/L
Calcium	52.3000	UJ	µg/L
Chromium	1.0000	U	µg/L
Cobalt	1.0000	U	µg/L
Copper	1.0000	U	µg/L
Iron	7.0000	U	µg/L
Lead	2.1000	UC	µg/L
Magnesium	5.6000	UC	µg/L
Manganese	4.0000	U	µg/L
Mercury	0.2000	U	µg/L
Nickel	1.0000	U	µg/L
Potassium	95.5000	U	µg/L
Selenium	3.0000	U	µg/L
Silver	1.0000	U	µg/L
Sodium	122.0000	UC	µg/L
Thallium	3.0000	U	µg/L
Vanadium	1.0000	U	µg/L
Zinc	2.8000	UC	µg/L

TAL Dissolved Inorganics

Aluminum	79.1000	UC	µg/L
Antimony	2.0000	U	µg/L
Arsenic	3.0000	U	µg/L
Barium	1.0000	U	µg/L
Beryllium	1.0000	U	µg/L
Cadmium	1.0000	U	µg/L
Calcium	7.0000	U	µg/L
Chromium	1.0000	U	µg/L
Cobalt	1.0000	U	µg/L
Copper	1.0000	U	µg/L
Iron	7.0000	U	µg/L
Lead	1.0000	U	µg/L
Magnesium	3.8000	UC	µg/L
Manganese	4.0000	U	µg/L
Mercury	0.2000	U	µg/L
Nickel	1.0000	U	µg/L
Potassium	73.5000	UC	µg/L
Selenium	3.0000	U	µg/L
Silver	1.0000	U	µg/L
Sodium	108.0000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier*
	Thallium	3.0000 U	µg/L
	Vanadium	1.0000 U	µg/L
	Zinc	1.0000 U	µg/L
4D-P004 WL03	TCL Volatiles		
	Acetone	10.0000 U	µg/L
	Benzene	10.0000 U	µg/L
	Bromodichloromethane	10.0000 U	µg/L
	Bromoform	10.0000 U	µg/L
	Bromomethane	10.0000 U	µg/L
	2-Butanone	10.0000 U	µg/L
	Carbon Disulfide	10.0000 U	µg/L
	Carbon Tetrachloride	10.0000 U	µg/L
	Chlorobenzene	10.0000 U	µg/L
	Chloroethane	10.0000 U	µg/L
	Chloroform	10.0000 U	µg/L
	Chloromethane	10.0000 U	µg/L
	Dibromochloromethane	10.0000 U	µg/L
	1,1-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethene (total)	10.0000 U	µg/L
	1,1-Dichloroethene	10.0000 U	µg/L
	1,2-Dichloropropane	10.0000 U	µg/L
	cis-1,3-Dichloropropene	10.0000 U	µg/L
	trans-1,3-Dichloropropene	10.0000 U	µg/L
	Ethylbenzene	10.0000 U	µg/L
	2-Hexanone	10.0000 U	µg/L
	4-Methyl-2-Pentanone	10.0000 U	µg/L
	Methylene Chloride	10.0000 U	µg/L
	Styrene	10.0000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U	µg/L
	Tetrachloroethene	10.0000 U	µg/L
	Toluene	10.0000 U	µg/L
	1,1,1-Trichloroethane	10.0000 U	µg/L
	1,1,2-Trichloroethane	10.0000 U	µg/L
	Trichloroethene	10.0000 U	µg/L
	Vinyl Chloride	10.0000 U	µg/L
	Xylene (total)	10.0000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.0000 U	µg/L
	Acenaphthylene	10.0000 U	µg/L
	Anthracene	10.0000 U	µg/L
	Benzo(a)anthracene	10.0000 U	µg/L
	Benzo(a)pyrene	10.0000 U	µg/L
	Benzo(b)fluoranthene	10.0000 U	µg/L
	Benzo(g,h,i)perylene	10.0000 U	µg/L
	Benzo(k)fluoranthene	10.0000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.0000 U	µg/L
	bis(2-Chloroethyl) Ether	10.0000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.0000 U	µg/L
	4-Bromophenyl-phenylether	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Butylbenzylphthalate	10.0000 U µg/L
	Carbazole	10.0000 U µg/L
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	0.9000 U µg/L
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz (a, h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	3.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	10.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier*
4D-P004 WL03	TCL Pesticides		
	Aldrin	0.0500 U	µg/L
	Aroclor-1016	1.0000 U	µg/L
	Aroclor-1221	2.0000 U	µg/L
	Aroclor-1232	1.0000 U	µg/L
	Aroclor-1242	1.0000 U	µg/L
	Aroclor-1248	1.0000 U	µg/L
	Aroclor-1254	1.0000 U	µg/L
	Aroclor-1260	1.0000 U	µg/L
	gamma-BHC (Lindane)	0.0500 U	µg/L
	alpha-BHC	0.0500 U	µg/L
	beta-BHC	0.0500 U	µg/L
	delta-BHC	0.0500 U	µg/L
	alpha-Chlordane	0.0500 U	µg/L
	gamma-Chlordane	0.0500 U	µg/L
	4,4'-DDD	0.1000 U	µg/L
	4,4'-DDE	0.1000 U	µg/L
	4,4'-DDT	0.0130 U	µg/L
	Dieldrin	0.1000 U	µg/L
	Endosulfan I	0.0500 U	µg/L
	Endosulfan II	0.1000 U	µg/L
	Endosulfan sulfate	0.1000 U	µg/L
	Endrin	0.1000 U	µg/L
	Endrin aldehyde	0.1000 U	µg/L
	Endrin ketone	0.1000 U	µg/L
	Heptachlor	0.0500 U	µg/L
	Heptachlor epoxide	0.0500 U	µg/L
	Methoxychlor	0.5000 U	µg/L
	Toxaphene	5.0000 U	µg/L
	Wet Chemistry		
	TOC	1,000.0000 <	µg/L
	TDS	10,000.0000 <	µg/L
	TSS	1,000.0000 -	µg/L

4D-S073 SL03	TAL Total Inorganics		
	Aluminum	48.3000 U	mg/kg
	Antimony	1.0000 U	mg/kg
	Arsenic	1.6000 -	mg/kg
	Barium	1.6000 -	mg/kg
	Beryllium	0.2000 U	mg/kg
	Cadmium	0.4000 U	mg/kg
	Calcium	525.0000	mg/kg
	Chromium	1.0000 U	mg/kg
	Cobalt	0.4000 U	mg/kg
	Copper	16.7000 -	mg/kg
	Iron	326.0000	mg/kg
	Lead	6.1000 Jv	mg/kg
	Magnesium	90.1000 -	mg/kg
	Manganese	1.8000 Jv	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Mercury	0.1000 U	mg/kg
	Nickel	2.0000 U	mg/kg
	Potassium	40.0000 U	mg/kg
	Selenium	1.0000 U	mg/kg
	Silver	0.6000 U	mg/kg
	Sodium	302.0000 J	mg/kg
	Thallium	1.4000 U	mg/kg
	Vanadium	0.5800	mg/kg
	Zinc	7.0000	mg/kg

4D-S083 GW03 TAL Total Inorganics

Aluminum	18.2000 UC	µg/L
Antimony	3.0000 U	µg/L
Arsenic	5.0000 U	µg/L
Barium	1.0000 U	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	1.0000 U	µg/L
Calcium	19.2000 Jv	µg/L
Chromium	1.0000 U	µg/L
Cobalt	1.0000 U	µg/L
Copper	2.0000 U	µg/L
Iron	12.0000 U	µg/L
Lead	2.0000 U	µg/L
Magnesium	10.0000 U	µg/L
Manganese	1.0000 U	µg/L
Mercury	0.2000 U	µg/L
Nickel	1.0000 U	µg/L
Potassium	23.0000 U	µg/L
Selenium	4.1000	µg/L
Silver	1.0000 U	µg/L
Sodium	17.7000 U	µg/L
Thallium	5.0000 U	µg/L
Vanadium	1.0000 U	µg/L
Zinc	2.0000 U	µg/L

TAL Dissolved Inorganics

Aluminum	8.9000 Jv	µg/L
Antimony	3.0000 U	µg/L
Arsenic	5.0000 U	µg/L
Barium	1.0000 U	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	1.0000 U	µg/L
Calcium	64.8000	µg/L
Chromium	1.0000 U	µg/L
Cobalt	1.0000 U	µg/L
Copper	2.0000 U	µg/L
Iron	12.0000 U	µg/L
Lead	2.0000 U	µg/L
Magnesium	12.0000	µg/L
Manganese	1.0000 U	µg/L
Mercury	0.2000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Nickel	1.0000 U $\mu\text{g/L}$
	Potassium	65.3000 $\mu\text{g/L}$
	Selenium	4.0000 U $\mu\text{g/L}$
	Silver	1.0000 U $\mu\text{g/L}$
	Sodium	134.0000 $\mu\text{g/L}$
	Thallium	5.0000 U $\mu\text{g/L}$
	Vanadium	1.0000 U $\mu\text{g/L}$
	Zinc	2.0000 U $\mu\text{g/L}$

4D-S083 GW03 TCL Volatiles

Acetone	10.0000 U $\mu\text{g/L}$
Benzene	10.0000 U $\mu\text{g/L}$
Bromodichloromethane	10.0000 U $\mu\text{g/L}$
Bromoform	10.0000 U $\mu\text{g/L}$
Bromomethane	10.0000 U $\mu\text{g/L}$
2-Butanone	10.0000 U $\mu\text{g/L}$
Carbon Disulfide	10.0000 U $\mu\text{g/L}$
Carbon Tetrachloride	10.0000 U $\mu\text{g/L}$
Chlorobenzene	10.0000 U $\mu\text{g/L}$
Chloroethane	10.0000 U $\mu\text{g/L}$
Chloroform	10.0000 U $\mu\text{g/L}$
Chloromethane	10.0000 U $\mu\text{g/L}$
Dibromochloromethane	10.0000 U $\mu\text{g/L}$
1,1-Dichloroethane	10.0000 U $\mu\text{g/L}$
1,2-Dichloroethane	10.0000 U $\mu\text{g/L}$
1,2-Dichloroethene (total)	10.0000 U $\mu\text{g/L}$
1,1-Dichloroethene	10.0000 U $\mu\text{g/L}$
1,2-Dichloropropane	10.0000 U $\mu\text{g/L}$
cis-1,3-Dichloropropene	10.0000 U $\mu\text{g/L}$
trans-1,3-Dichloropropene	10.0000 U $\mu\text{g/L}$
Ethylbenzene	10.0000 U $\mu\text{g/L}$
2-Hexanone	10.0000 U $\mu\text{g/L}$
4-Methyl-2-Pentanone	10.0000 U $\mu\text{g/L}$
Methylene Chloride	10.0000 U $\mu\text{g/L}$
Styrene	10.0000 U $\mu\text{g/L}$
1,1,2,2-Tetrachloroethane	10.0000 U $\mu\text{g/L}$
Tetrachloroethene	10.0000 U $\mu\text{g/L}$
Toluene	10.0000 U $\mu\text{g/L}$
1,1,1-Trichloroethane	10.0000 U $\mu\text{g/L}$
1,1,2-Trichloroethane	10.0000 U $\mu\text{g/L}$
Trichloroethene	10.0000 U $\mu\text{g/L}$
Vinyl Chloride	10.0000 U $\mu\text{g/L}$
Xylene (total)	10.0000 U $\mu\text{g/L}$

TCL Semi-Volatiles

Acenaphthene	10.0000 U $\mu\text{g/L}$
Acenaphthylene	10.0000 U $\mu\text{g/L}$
Anthracene	10.0000 U $\mu\text{g/L}$
Benzo(a)anthracene	10.0000 U $\mu\text{g/L}$
Benzo(a)pyrene	10.0000 U $\mu\text{g/L}$
Benzo(b)fluoranthene	10.0000 U $\mu\text{g/L}$
Benzo(g,h,i)perylene	10.0000 U $\mu\text{g/L}$

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Benzo (k) fluoranthene	10.0000 U µg/L
	bis (2-Chloroethoxy) Methane	10.0000 U µg/L
	bis (2-Chloroethyl) Ether	10.0000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.0000 U µg/L
	4-Bromophenyl-phenylether	10.0000 U µg/L
	Butylbenzylphthalate	10.0000 U µg/L
	Carbazole	10.0000 U µg/L
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	10.0000 U µg/L
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz (a,h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	10.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	10.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
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	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

4D-5083 GW03 TCL Pesticides

Aldrin	0.0500 U µg/L
Aroclor-1016	1.0000 U µg/L
Aroclor-1221	2.0000 U µg/L
Aroclor-1232	1.0000 U µg/L
Aroclor-1242	1.0000 U µg/L
Aroclor-1248	1.0000 U µg/L
Aroclor-1254	1.0000 U µg/L
Aroclor-1260	1.0000 U µg/L
gamma-BHC (Lindane)	0.0500 U µg/L
alpha-BHC	0.0500 U µg/L
beta-BHC	0.0500 U µg/L
delta-BHC	0.0500 U µg/L
alpha-Chlordane	0.0500 U µg/L
gamma-Chlordane	0.0500 U µg/L
4,4'-DDD	0.1000 U µg/L
4,4'-DDE	0.1000 U µg/L
4,4'-DDT	0.1000 U µg/L
Dieldrin	0.1000 U µg/L
Endosulfan I	0.0500 U µg/L
Endosulfan II	0.1000 U µg/L
Endosulfan sulfate	0.1000 U µg/L
Endrin	0.1000 U µg/L
Endrin aldehyde	0.1000 U µg/L
Endrin ketone	0.1000 U µg/L
Heptachlor	0.0500 U µg/L
Heptachlor epoxide	0.0500 U µg/L
Methoxychlor	0.5000 U µg/L
Toxaphene	5.0000 U µg/L

Wet Chemistry

Total Alkalinity	10,000.0000 < µg/L
Chloride	3,000.0000 < µg/L
Fluoride	200.0000 < µg/L
Nitrate	50.0000 < µg/L
Oil and Grease	10,000.0000 < µg/L
Total Phosphorus	100.0000 < µg/L
TDS	852,000.0000 µg/L
TSS	4,000.0000 < µg/L
Sulfate	10,000.0000 < µg/L

4E-A002 DL03 TCLP Inorganics

Arsenic	0.0022 UJ mg/L
Barium	0.0242 J mg/L
Cadmium	0.0044 U mg/L
Chromium	0.0057 U mg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4E-A002 DL03	Lead	0.0016 UJ	mg/L
	Mercury	0.0002 U	mg/L
	Selenium	0.0027 UJ	mg/L
	Silver	0.0045 U	mg/L
	TCDF Volatiles		
	Benzene	0.0500 U	mg/L
	2-Butanone	0.1000 U	mg/L
	Carbon Tetrachloride	0.0500 U	mg/L
	Chlorobenzene	0.0500 U	mg/L
	Chloroform	0.0250 U	mg/L
	1,2-Dichloroethane	0.0250 U	mg/L
	1,1-Dichloroethene	0.0250 U	mg/L
	Tetrachloroethene	0.0500 U	mg/L
	Trichloroethene	0.0250 U	mg/L
	Vinyl Chloride	0.0500 U	mg/L
	TCDF Semi-Volatiles		
	1,4-Dichlorobenzene	0.0500 U	mg/L
	2,4-Dinitrotoluene	0.0500 U	mg/L
	Hexachlorobenzene	0.0750 U	mg/L
	Hexachlorobutadiene	0.0250 U	mg/L
	Hexachloroethane	0.0500 U	mg/L
	2-Methylphenol	0.1000 U	mg/L
	3-Methylphenol	0.1800 U	mg/L
	4-Methylphenol	0.1800 U	mg/L
	Nitrobenzene	0.0500 U	mg/L
	Pentachlorophenol	0.2800 U	mg/L
	Pyridine	0.1000 U	mg/L
	2,4,5-Trichlorophenol	0.1200 U	mg/L
	2,4,6-Trichlorophenol	0.1200 U	mg/L
	TCDF Pesticides		
	gamma-BHC (Lindane)	0.2000 U	mg/L
	Chlordane	0.0150 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.0000 U	mg/L
	Endrin	0.0100 U	mg/L
	Heptachlor	0.0040 U	mg/L
	Heptachlor epoxide	0.0040 U	mg/L
	Methoxychlor	5.0000 U	mg/L
	2,4,5-TP (Silvex)	0.5000 U	mg/L
	Toxaphene	0.2500 U	mg/L
4F-A001 DL03	TAL Total Inorganics		
	Aluminum	69.7000 U	mg/kg
	Antimony	1.0000 U	mg/kg
	Arsenic	1.4000 U	mg/kg
	Barium	2.3000 U	mg/kg
	Beryllium	0.2000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Cadmium	0.4000	U mg/kg
	Calcium	670.0000	— mg/kg
	Chromium	1.1000	— mg/kg
	Cobalt	0.4000	U mg/kg
	Copper	19.5000	— mg/kg
	Iron	371.0000	— mg/kg
	Lead	4.9000	Jv mg/kg
	Magnesium	120.0000	— mg/kg
	Manganese	3.2000	Jv mg/kg
	Mercury	0.1000	U mg/kg
	Nickel	2.0000	U mg/kg
	Potassium	60.7000	— mg/kg
	Selenium	1.0000	U mg/kg
	Silver	0.6000	U mg/kg
	Sodium	354.0000	J mg/kg
	Thallium	1.4000	U mg/kg
	Vanadium	1.0000	— mg/kg
	Zinc	9.7000	— mg/kg

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4F-A001 DL03 TCL Volatiles

Acetone	0.0580	UJ	mg/kg
Benzene	0.0100	UJv	mg/kg
Bromodichloromethane	0.0100	UJv	mg/kg
Bromoform	0.0100	UJv	mg/kg
Bromomethane	0.0100	UJv	mg/kg
2-Butanone	0.0120	J	mg/kg
Carbon Disulfide	0.0100	UJv	mg/kg
Carbon Tetrachloride	0.0100	UJv	mg/kg
Chlorobenzene	0.0100	UJv	mg/kg
Chloroethane	0.0100	UJv	mg/kg
Chloroform	0.0100	UJv	mg/kg
Chloromethane	0.0100	UJv	mg/kg
Dibromochloromethane	0.0100	UJv	mg/kg
1,1-Dichloroethane	0.0100	UJv	mg/kg
1,2-Dichloroethane	0.0100	UJv	mg/kg
1,2-Dichloroethene (total)	0.0100	UJv	mg/kg
1,1-Dichloroethene	0.0100	UJv	mg/kg
1,2-Dichloropropane	0.0100	UJv	mg/kg
cis-1,3-Dichloropropene	0.0100	UJv	mg/kg
trans-1,3-Dichloropropene	0.0100	UJv	mg/kg
Ethylbenzene	0.0100	UJv	mg/kg
2-Hexanone	0.0100	UJv	mg/kg
4-Methyl-2-Pentanone	0.0100	UJv	mg/kg
Methylene Chloride	0.0420	UJ	mg/kg
Styrene	0.0100	UJv	mg/kg
1,1,2,2-Tetrachloroethane	0.0100	UJv	mg/kg
Tetrachloroethene	0.0100	UJv	mg/kg
Toluene	0.0100	UJv	mg/kg
1,1,1-Trichloroethane	0.0100	UJv	mg/kg
1,1,2-Trichloroethane	0.0100	UJv	mg/kg
Trichloroethene	0.0100	UJv	mg/kg
Vinyl Chloride	0.0100	UJv	mg/kg
Xylene (total)	0.0100	UJv	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4F-A001 DL03	TCL Semi-Volatiles		
	Acenaphthene	0.3300 U	mg/kg
	Acenaphthylene	0.3300 U	mg/kg
	Anthracene	0.3300 U	mg/kg
	Benzo (a) anthracene	0.3300 U	mg/kg
	Benzo (a) pyrene	0.3300 U	mg/kg
	Benzo (b) fluoranthene	0.3300 U	mg/kg
	Benzo (g,h,i) perylene	0.3300 U	mg/kg
	Benzo (k) fluoranthene	0.3300 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.3300 U	mg/kg
	bis (2-Chloroethyl) Ether	0.3300 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.3300 U	mg/kg
	4-Bromophenyl-phenylether	0.3300 U	mg/kg
	Butylbenzylphthalate	0.3300 U	mg/kg
	Carbazole	0.3300 U	mg/kg
	4-Chloro-3-Methylphenol	0.3300 U	mg/kg
	4-Chloroaniline	0.3300 U	mg/kg
	2-Chloronaphthalene	0.3300 U	mg/kg
	2-Chlorophenol	0.3300 U	mg/kg
	4-Chlorophenyl-phenylether	0.3300 U	mg/kg
	Chrysene	0.3300 U	mg/kg
	Di-n-butylphthalate	0.3300 U	mg/kg
	Di-n-octylphthalate	0.3300 U	mg/kg
	Dibenz (a,h) anthracene	0.3300 U	mg/kg
	Dibenzofuran	0.3300 U	mg/kg
	1,2-Dichlorobenzene	0.3300 U	mg/kg
	1,3-Dichlorobenzene	0.3300 U	mg/kg
	1,4-Dichlorobenzene	0.3300 U	mg/kg
	3,3'-Dichlorobenzidine	0.3300 U	mg/kg
	2,4-Dichlorophenol	0.3300 U	mg/kg
	Diethylphthalate	0.3300 U	mg/kg
	2,4-Dimethylphenol	0.3300 U	mg/kg
	Dimethylphthalate	0.3300 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.7900 U	mg/kg
	2,4-Dinitrophenol	0.7900 U	mg/kg
	2,4-Dinitrotoluene	0.3300 U	mg/kg
	2,6-Dinitrotoluene	0.3300 U	mg/kg
	Fluoranthene	0.3300 U	mg/kg
	Fluorene	0.3300 U	mg/kg
	Hexachlorobenzene	0.3300 U	mg/kg
	Hexachlorobutadiene	0.3300 U	mg/kg
	Hexachlorocyclopentadiene	0.3300 U	mg/kg
	Hexachloroethane	0.3300 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.3300 U	mg/kg
	Isophorone	0.3300 U	mg/kg
	2-Methylnaphthalene	0.3300 U	mg/kg
	2-Methylphenol	0.3300 U	mg/kg
	4-Methylphenol	0.3300 U	mg/kg
	Naphthalene	0.3300 U	mg/kg
	2-Nitroaniline	0.7900 U	mg/kg
	3-Nitroaniline	0.7900 U	mg/kg
	4-Nitroaniline	0.7900 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Nitrobenzene	0.3300 U	mg/kg
	2-Nitrophenol	0.3300 U	mg/kg
	4-Nitrophenol	0.7900 U	mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.3300 U	mg/kg
	Pentachlorophenol	0.7900 U	mg/kg
	Phenanthrene	0.3300 U	mg/kg
	Phenol	0.3300 U	mg/kg
	Pyrene	0.3300 U	mg/kg
	1,2,4-Trichlorobenzene	0.3300 U	mg/kg
	2,4,5-Trichlorophenol	0.7900 U	mg/kg
	2,4,6-Trichlorophenol	0.3300 U	mg/kg

4F-A001 DL03 TCL Pesticides

Aldrin	0.0017 U	mg/kg
Aroclor-1016	0.0320 U	mg/kg
Aroclor-1221	0.0650 U	mg/kg
Aroclor-1232	0.0320 U	mg/kg
Aroclor-1242	0.0320 U	mg/kg
Aroclor-1248	0.0320 U	mg/kg
Aroclor-1254	0.0320 U	mg/kg
Aroclor-1260	0.0320 U	mg/kg
gamma-BHC (Lindane)	0.0017 U	mg/kg
alpha-BHC	0.0017 U	mg/kg
beta-BHC	0.0017 U	mg/kg
delta-BHC	0.0017 U	mg/kg
alpha-Chlordane	0.0017 U	mg/kg
gamma-Chlordane	0.0017 U	mg/kg
4,4'-DDD	0.0032 U	mg/kg
4,4'-DDE	0.0032 U	mg/kg
4,4'-DDT	0.0032 U	mg/kg
Dieldrin	0.0032 U	mg/kg
Endosulfan I	0.0017 U	mg/kg
Endosulfan II	0.0032 U	mg/kg
Endosulfan sulfate	0.0032 U	mg/kg
Endrin	0.0032 U	mg/kg
Endrin aldehyde	0.0032 U	mg/kg
Endrin ketone	0.0032 U	mg/kg
Heptachlor	0.0017 U	mg/kg
Heptachlor epoxide	0.0017 U	mg/kg
Methoxychlor	0.0170 U	mg/kg
Toxaphene	0.1700 U	mg/kg

Wet Chemistry

TOC	790.0000	mg/kg
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4F-A001 WL03 TAL Total Inorganics

Aluminum	25.5000	µg/L
Antimony	5.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Arsenic	7.0000 U	µg/L
	Barium	1.0000 U	µg/L
	Beryllium	1.0000 U	µg/L
	Cadmium	2.0000 U	µg/L
	Calcium	719.0000	µg/L
	Chromium	5.0000 U	µg/L
	Cobalt	2.0000 U	µg/L
	Copper	3.8000	µg/L
	Iron	60.0000 U	µg/L
	Lead	3.0000 U	µg/L
	Magnesium	80.7000	µg/L
	Manganese	1.0000 U	µg/L
	Mercury	0.2000	µg/L
	Nickel	10.0000 U	µg/L
	Potassium	200.0000 U	µg/L
	Selenium	5.0000 U	µg/L
	Silver	3.0000 U	µg/L
	Sodium	965.0000 UC	µg/L
	Thallium	7.0000 U	µg/L
	Vanadium	2.0000 U	µg/L
	Zinc	4.0000 U	µg/L
4F-A001 WL03	TAL Dissolved Inorganics		
	Aluminum	85.4000 UC	µg/L
	Antimony	5.0000 U	µg/L
	Arsenic	7.0000 U	µg/L
	Barium	1.2000 U	µg/L
	Beryllium	1.0000 U	µg/L
	Cadmium	2.0000 U	µg/L
	Calcium	845.0000 UC	µg/L
	Chromium	5.0000 U	µg/L
	Cobalt	2.0000 U	µg/L
	Copper	8.2000 UC	µg/L
	Iron	60.0000 U	µg/L
	Lead	3.0000 U	µg/L
	Magnesium	129.0000 UC	µg/L
	Manganese	1.0000 U	µg/L
	Mercury	0.2000 U	µg/L
	Nickel	10.0000 U	µg/L
	Potassium	200.0000 U	µg/L
	Selenium	5.0000 U	µg/L
	Silver	3.0000 U	µg/L
	Sodium	1,220.0000	µg/L
	Thallium	7.0000 U	µg/L
	Vanadium	2.0000 U	µg/L
	Zinc	4.0000 U	µg/L
	TCL Volatiles		
	Acetone	10.0000 U	µg/L
	Benzene	10.0000 U	µg/L
	Bromodichloromethane	10.0000 U	µg/L
	Bromoform	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025166

025166

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Bromomethane	10.0000 U	µg/L
	2-Butanone	10.0000 U	µg/L
	Carbon Disulfide	10.0000 U	µg/L
	Carbon Tetrachloride	10.0000 U	µg/L
	Chlorobenzene	10.0000 U	µg/L
	Chloroethane	10.0000 U	µg/L
	Chloroform	1.0000 J	µg/L
	Chloromethane	10.0000 U	µg/L
	Dibromochloromethane	10.0000 U	µg/L
	1,1-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethene (total)	10.0000 U	µg/L
	1,1-Dichloroethene	10.0000 U	µg/L
	1,2-Dichloropropane	10.0000 U	µg/L
	cis-1,3-Dichloropropene	10.0000 U	µg/L
	trans-1,3-Dichloropropene	10.0000 U	µg/L
	Ethylbenzene	10.0000 U	µg/L
	2-Hexanone	10.0000 U	µg/L
	4-Methyl-2-Pentanone	10.0000 U	µg/L
	Methylene Chloride	10.0000 U	µg/L
	Styrene	10.0000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U	µg/L
	Tetrachloroethene	10.0000 U	µg/L
	Toluene	10.0000 U	µg/L
	1,1,1-Trichloroethane	10.0000 U	µg/L
	1,1,2-Trichloroethane	10.0000 U	µg/L
	Trichloroethene	10.0000 U	µg/L
	Vinyl Chloride	10.0000 U	µg/L
	Xylene (total)	10.0000 U	µg/L

4F-A001 WL03 TCL Semi-Volatiles

Acenaphthene	10.0000 U	µg/L
Acenaphthylene	10.0000 U	µg/L
Anthracene	10.0000 U	µg/L
Benzo(a)anthracene	10.0000 U	µg/L
Benzo(a)pyrene	10.0000 U	µg/L
Benzo(b)fluoranthene	10.0000 U	µg/L
Benzo(g,h,i)perylene	10.0000 U	µg/L
Benzo(k)fluoranthene	10.0000 U	µg/L
bis(2-Chloroethoxy)Methane	10.0000 U	µg/L
bis(2-Chloroethyl)Ether	10.0000 U	µg/L
bis(2-Ethylhexyl)phthalate	10.0000 U	µg/L
4-Bromophenyl-phenylether	10.0000 U	µg/L
Butylbenzylphthalate	10.0000 U	µg/L
Carbazole	10.0000 U	µg/L
4-Chloro-3-Methylphenol	10.0000 U	µg/L
4-Chloroaniline	10.0000 U	µg/L
2-Chloronaphthalene	10.0000 U	µg/L
2-Chlorophenol	10.0000 U	µg/L
4-Chlorophenyl-phenylether	10.0000 U	µg/L
Chrysene	10.0000 U	µg/L
Di-n-butylphthalate	10.0000 U	µg/L
Di-n-octylphthalate	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025167

025167

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Dibenz (a, h) anthracene	10.0000 U	µg/L
	Dibenzofuran	10.0000 U	µg/L
	1,2-Dichlorobenzene	10.0000 U	µg/L
	1,3-Dichlorobenzene	10.0000 U	µg/L
	1,4-Dichlorobenzene	10.0000 U	µg/L
	3,3'-Dichlorobenzidine	10.0000 U	µg/L
	2,4-Dichlorophenol	10.0000 U	µg/L
	Diethylphthalate	10.0000 U	µg/L
	2,4-Dimethylphenol	10.0000 U	µg/L
	Dimethylphthalate	10.0000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U	µg/L
	2,4-Dinitrophenol	25.0000 U	µg/L
	2,4-Dinitrotoluene	10.0000 U	µg/L
	2,6-Dinitrotoluene	10.0000 U	µg/L
	Fluoranthene	10.0000 U	µg/L
	Fluorene	10.0000 U	µg/L
	Hexachlorobenzene	10.0000 U	µg/L
	Hexachlorobutadiene	10.0000 U	µg/L
	Hexachlorocyclopentadiene	10.0000 U	µg/L
	Hexachloroethane	10.0000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U	µg/L
	Isophorone	10.0000 U	µg/L
	2-Methylnaphthalene	10.0000 U	µg/L
	2-Methylphenol	10.0000 U	µg/L
	4-Methylphenol	10.0000 U	µg/L
	Naphthalene	10.0000 U	µg/L
	2-Nitroaniline	10.0000 U	µg/L
	3-Nitroaniline	25.0000 U	µg/L
	4-Nitroaniline	25.0000 U	µg/L
	Nitrobenzene	10.0000 U	µg/L
	2-Nitrophenol	10.0000 U	µg/L
	4-Nitrophenol	25.0000 U	µg/L
	N-Nitroso-di-n-propylamine	10.0000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U	µg/L
	Pentachlorophenol	25.0000 U	µg/L
	Phenanthrene	10.0000 U	µg/L
	Phenol	10.0000 U	µg/L
	Pyrene	10.0000 U	µg/L
	1,2,4-Trichlorobenzene	10.0000 U	µg/L
	2,4,5-Trichlorophenol	25.0000 U	µg/L
	2,4,6-Trichlorophenol	10.0000 U	µg/L
4F-A001 WL03	TCL Pesticides		
	Aldrin	0.0500 U	µg/L
	Aroclor-1016	1.0000 U	µg/L
	Aroclor-1221	2.0000 U	µg/L
	Aroclor-1232	1.0000 U	µg/L
	Aroclor-1242	1.0000 U	µg/L
	Aroclor-1248	1.0000 U	µg/L
	Aroclor-1254	1.0000 U	µg/L
	Aroclor-1260	1.0000 U	µg/L
	gamma-BHC (Lindane)	0.0500 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025168

025168

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4F-A001 WL03	alpha-BHC	0.0500 U	µg/L
	beta-BHC	0.0500 U	µg/L
	delta-BHC	0.0500 U	µg/L
	alpha-Chlordane	0.0500 U	µg/L
	gamma-Chlordane	0.0500 U	µg/L
	4,4'-DDD	0.1000 U	µg/L
	4,4'-DDE	0.1000 U	µg/L
	4,4'-DDT	0.1000 U	µg/L
	Dieldrin	0.1000 U	µg/L
	Endosulfan I	0.0500 U	µg/L
	Endosulfan II	0.1000 U	µg/L
	Endosulfan sulfate	0.1000 U	µg/L
	Endrin	0.1000 U	µg/L
	Endrin aldehyde	0.1000 U	µg/L
	Endrin ketone	0.1000 U	µg/L
	Heptachlor	0.0500 U	µg/L
	Heptachlor epoxide	0.0500 U	µg/L
	Methoxychlor	0.5000 U	µg/L
	Toxaphene	5.0000 U	µg/L
	Wet Chemistry		
4F-A004 DL03	TOC	1,140.0000	µg/L
	TDS	560,000.0000	µg/L
	TSS	8,000.0000	µg/L

4F-A004 DL03 TAL Total Inorganics

Aluminum	118.0000 UC	mg/kg
Antimony	11.0000 UR	mg/kg
Arsenic	0.2900 UCV	mg/kg
Barium	2.2000	mg/kg
Beryllium	0.0900 U	mg/kg
Cadmium	0.9700 U	mg/kg
Calcium	116.0000	mg/kg
Chromium	1.0000 U	mg/kg
Cobalt	1.5000 U	mg/kg
Copper	2.9000 UC	mg/kg
Iron	588.0000	mg/kg
Lead	0.1700 UJ	mg/kg
Magnesium	16.4000	mg/kg
Manganese	8.2000	mg/kg
Mercury	0.0700 U	mg/kg
Nickel	4.1000 U	mg/kg
Potassium	152.0000 U	mg/kg
Selenium	0.2300 U	mg/kg
Silver	2.6000 U	mg/kg
Sodium	9.7000 U	mg/kg
Thallium	0.2000 U	mg/kg
Vanadium	1.3000	mg/kg
Zinc	2.9000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4F-A004 DL03	TCL Volatiles		
	Acetone	0.0100 U	mg/kg
	Benzene	0.0100 U	mg/kg
	Bromodichloromethane	0.0100 U	mg/kg
	Bromoform	0.0100 U	mg/kg
	Bromomethane	0.0100 U	mg/kg
	2-Butanone	0.0100 U	mg/kg
	Carbon Disulfide	0.0100 U	mg/kg
	Carbon Tetrachloride	0.0100 U	mg/kg
	Chlorobenzene	0.0100 U	mg/kg
	Chloroethane	0.0100 U	mg/kg
	Chloroform	0.0100 U	mg/kg
	Chloromethane	0.0100 U	mg/kg
	Dibromochloromethane	0.0100 U	mg/kg
	1,1-Dichloroethane	0.0100 U	mg/kg
	1,2-Dichloroethane	0.0100 U	mg/kg
	1,2-Dichloroethene (total)	0.0100 U	mg/kg
	1,1-Dichloroethene	0.0100 U	mg/kg
	1,2-Dichloropropane	0.0100 U	mg/kg
	cis-1,3-Dichloropropene	0.0100 U	mg/kg
	trans-1,3-Dichloropropene	0.0100 U	mg/kg
	Ethylbenzene	0.0100 U	mg/kg
	2-Hexanone	0.0100 U	mg/kg
	4-Methyl-2-Pentanone	0.0100 U	mg/kg
	Methylene Chloride	0.0100 U	mg/kg
	Styrene	0.0110 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.0100 U	mg/kg
	Tetrachloroethene	0.0100 U	mg/kg
	Toluene	0.0100 U	mg/kg
	1,1,1-Trichloroethane	0.0100 U	mg/kg
	1,1,2-Trichloroethane	0.0100 U	mg/kg
	Trichloroethene	0.0100 U	mg/kg
	Vinyl Chloride	0.0100 U	mg/kg
	Xylene (total)	0.0100 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.3300 U	mg/kg
	Acenaphthylene	0.3300 U	mg/kg
	Anthracene	0.3300 U	mg/kg
	Benzo(a)anthracene	0.3300 U	mg/kg
	Benzo(a)pyrene	0.3300 U	mg/kg
	Benzo(b)fluoranthene	0.3300 U	mg/kg
	Benzo(g,h,i)perylene	0.3300 U	mg/kg
	Benzo(k)fluoranthene	0.3300 U	mg/kg
	bis(2-Chloroethoxy)Methane	0.3300 U	mg/kg
	bis(2-Chloroethyl)Ether	0.3300 U	mg/kg
	bis(2-Ethylhexyl)phthalate	0.3300 U	mg/kg
	4-Bromophenyl-phenylether	0.0340 U	mg/kg
	Butylbenzylphthalate	0.3300 U	mg/kg
	Carbazole	0.3300 U	mg/kg
	4-Chloro-3-Methylphenol	0.3300 U	mg/kg
	4-Chloroaniline	0.3300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	2-Chloronaphthalene	0.3300 U mg/kg
	2-Chlorophenol	0.3300 U mg/kg
	4-Chlorophenyl-phenylether	0.3300 U mg/kg
	Chrysene	0.3300 U mg/kg
	Di-n-butylphthalate	0.0190 J mg/kg
	Di-n-octylphthalate	0.3300 U mg/kg
	Dibenz(a,h)anthracene	0.3300 U mg/kg
	Dibenzofuran	0.3300 U mg/kg
	1,2-Dichlorobenzene	0.3300 U mg/kg
	1,3-Dichlorobenzene	0.3300 U mg/kg
	1,4-Dichlorobenzene	0.3300 U mg/kg
	3,3'-Dichlorobenzidine	0.3300 U mg/kg
	2,4-Dichlorophenol	0.3300 U mg/kg
	Diethylphthalate	0.3300 U mg/kg
	2,4-Dimethylphenol	0.3300 U mg/kg
	Dimethylphthalate	0.3300 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.8300 U mg/kg
	2,4-Dinitrophenol	0.8300 U mg/kg
	2,4-Dinitrotoluene	0.3300 U mg/kg
	2,6-Dinitrotoluene	0.3300 U mg/kg
	Fluoranthene	0.3300 U mg/kg
	Fluorene	0.3300 U mg/kg
	Hexachlorobenzene	0.3300 U mg/kg
	Hexachlorobutadiene	0.3300 U mg/kg
	Hexachlorocyclopentadiene	0.3300 U mg/kg
	Hexachloroethane	0.3300 U mg/kg
	Indeno(1,2,3-cd)pyrene	0.3300 U mg/kg
	Isophorone	0.3300 U mg/kg
	2-Methylnaphthalene	0.3300 U mg/kg
	2-Methylphenol	0.3300 U mg/kg
	4-Methylphenol	0.3300 U mg/kg
	Naphthalene	0.3300 U mg/kg
	2-Nitroaniline	0.8300 U mg/kg
	3-Nitroaniline	0.8300 U mg/kg
	4-Nitroaniline	0.8300 U mg/kg
	Nitrobenzene	0.3300 U mg/kg
	2-Nitrophenol	0.3300 U mg/kg
	4-Nitrophenol	0.8300 U mg/kg
	N-Nitroso-di-n-propylamine	0.3300 U mg/kg
	N-Nitrosodiphenylamine (1)	0.3300 U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.3300 U mg/kg
	Pentachlorophenol	0.8300 U mg/kg
	Phenanthrene	0.3300 U mg/kg
	Phenol	0.3300 U mg/kg
	Pyrene	0.3300 U mg/kg
	1,2,4-Trichlorobenzene	0.3300 U mg/kg
	2,4,5-Trichlorophenol	0.8300 U mg/kg
	2,4,6-Trichlorophenol	0.3300 U mg/kg
4F-A004 DL03	TCL Pesticides	
	Aldrin	0.0017 U mg/kg
	Aroclor-1016	0.0330 U mg/kg
	Aroclor-1221	0.0670 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4F-A004 DL03	Aroclor-1232	0.0330 U	mg/kg
	Aroclor-1242	0.0330 U	mg/kg
	Aroclor-1248	0.0330 U	mg/kg
	Aroclor-1254	0.0330 U	mg/kg
	Aroclor-1260	0.0330 U	mg/kg
	gamma-BHC (Lindane)	0.0017 U	mg/kg
	alpha-BHC	0.0017 U	mg/kg
	beta-BHC	0.0003 J	mg/kg
	delta-BHC	0.0017 U	mg/kg
	alpha-Chlordane	0.0017 U	mg/kg
	gamma-Chlordane	0.0017 U	mg/kg
	4,4'-DDD	0.0033 U	mg/kg
	4,4'-DDE	0.0033 U	mg/kg
	4,4'-DDT	0.0033 U	mg/kg
	Dieldrin	0.0008 J	mg/kg
	Endosulfan I	0.0033 U	mg/kg
	Endosulfan II	0.0017 U	mg/kg
	Endosulfan sulfate	0.0033 U	mg/kg
	Endrin	0.0033 U	mg/kg
	Endrin aldehyde	0.0033 U	mg/kg
	Endrin ketone	0.0033 U	mg/kg
	Heptachlor	0.0033 U	mg/kg
	Heptachlor epoxide	0.0017 U	mg/kg
	Methoxychlor	0.0017 U	mg/kg
	Toxaphene	0.0170 U	mg/kg
		0.1700 U	mg/kg
	TCLP Inorganics		
	Arsenic	0.0035 U	mg/L
	Barium	0.0371 B	mg/L
	Cadmium	0.0005 U	mg/L
	Chromium	0.0022 U	mg/L
	Lead	0.0016 U	mg/L
	Mercury	0.0002 U	mg/L
	Selenium	0.0044 U	mg/L
	Silver	0.0006 U	mg/L
	TCLP Volatiles		
	Benzene	0.0500 U	mg/L
	2-Butanone	0.1000 U	mg/L
	Carbon Tetrachloride	0.0500 U	mg/L
	Chlorobenzene	0.0500 U	mg/L
	Chloroform	0.0250 U	mg/L
	1,2-Dichloroethane	0.0250 U	mg/L
	1,1-Dichloroethene	0.0250 U	mg/L
	Tetrachloroethene	0.0500 U	mg/L
	Trichloroethene	0.0250 U	mg/L
	Vinyl Chloride	0.0500 U	mg/L
	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.0500 U	mg/L
	2,4-Dinitrotoluene	0.0500 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier	
4F-A004 DL03	Hexachlorobenzene	0.0750 U	mg/L
	Hexachlorobutadiene	0.0250 U	mg/L
	Hexachloroethane	0.0500 U	mg/L
	2-Methylphenol	0.1000 U	mg/L
	3-Methylphenol	0.1800 U	mg/L
	4-Methylphenol	0.1800 U	mg/L
	Nitrobenzene	0.0500 U	mg/L
	Pentachlorophenol	0.2800 U	mg/L
	Pyridine	0.1000 U	mg/L
	2,4,5-Trichlorophenol	0.1200 U	mg/L
	2,4,6-Trichlorophenol	0.1200 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.2000 U	mg/L
4F-A004 WL03	Chlordane	0.0150 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.0000 U	mg/L
	Endrin	0.0100 U	mg/L
	Heptachlor	0.0040 U	mg/L
	Heptachlor epoxide	0.0040 U	mg/L
	Methoxychlor	5.0000 U	mg/L
	2,4,5-TP (Silvex)	0.5000 U	mg/L
	Toxaphene	0.2500 U	mg/L
	Wet Chemistry		
	TOC	1,230.0000	mg/kg
	TAL Total Inorganics		
	Aluminum	19.0000 U	µg/L
	Antimony	38.6000 U	µg/L
	Arsenic	1.0000 U	µg/L
	Barium	1.1000 U	µg/L
	Beryllium	0.3000 U	µg/L
	Cadmium	3.4000 U	µg/L
	Calcium	25.6000 U	µg/L
	Chromium	3.6000 U	µg/L
	Cobalt	5.2000 U	µg/L
	Copper	2.8000 U	µg/L
	Iron	3.1000 Jv	µg/L
	Lead	0.6000 U	µg/L
	Magnesium	27.0000 U	µg/L
	Manganese	1.0000 U	µg/L
	Mercury	0.1000 U	µg/L
	Nickel	14.4000 U	µg/L
	Potassium	534.0000 U	µg/L
	Selenium	0.8000 U	µg/L
	Silver	9.0000 U	µg/L
	Sodium	34.1000 U	µg/L
	Thallium	0.7000 U	µg/L
	Vanadium	2.5000 U	µg/L
	Zinc	3.1000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4F-A004 WL03	TAL Dissolved Inorganics		
	Aluminum	19.0000 U	µg/L
	Antimony	38.6000 U	µg/L
	Arsenic	1.0000 U	µg/L
	Barium	1.1000 U	µg/L
	Beryllium	0.3000 U	µg/L
	Cadmium	3.4000 U	µg/L
	Calcium	25.6000 U	µg/L
	Chromium	3.6000 U	µg/L
	Cobalt	5.2000 U	µg/L
	Copper	2.8000 UC	µg/L
	Iron	2.8000 U	µg/L
	Lead	0.6000 U	µg/L
	Magnesium	27.0000 U	µg/L
	Manganese	1.0000 U	µg/L
	Mercury	0.1000 U	µg/L
	Nickel	14.4000 U	µg/L
	Potassium	534.0000 U	µg/L
	Selenium	0.8000 U	µg/L
	Silver	9.0000 U	µg/L
	Sodium	43.1000 U	µg/L
	Thallium	0.7000 U	µg/L
	Vanadium	2.5000 U	µg/L
	Zinc	3.1000 U	µg/L
	TCL Volatiles		
	Acetone	10.0000 U	µg/L
	Benzene	10.0000 U	µg/L
	Bromodichloromethane	10.0000 U	µg/L
	Bromoform	10.0000 U	µg/L
	Bromomethane	10.0000 U	µg/L
	2-Butanone	10.0000 U	µg/L
	Carbon Disulfide	10.0000 U	µg/L
	Carbon Tetrachloride	10.0000 U	µg/L
	Chlorobenzene	10.0000 U	µg/L
	Chloroethane	10.0000 U	µg/L
	Chloroform	10.0000 U	µg/L
	Chloromethane	10.0000 U	µg/L
	Dibromochloromethane	10.0000 U	µg/L
	1,1-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethane	10.0000 U	µg/L
	1,2-Dichloroethene (total)	10.0000 U	µg/L
	1,1-Dichloroethene	10.0000 U	µg/L
	1,2-Dichloropropane	10.0000 U	µg/L
	cis-1,3-Dichloropropene	10.0000 U	µg/L
	trans-1,3-Dichloropropene	10.0000 U	µg/L
	Ethylbenzene	10.0000 U	µg/L
	2-Hexanone	10.0000 U	µg/L
	4-Methyl-2-Pentanone	10.0000 U	µg/L
	Methylene Chloride	10.0000 U	µg/L
	Styrene	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	1,1,2,2-Tetrachloroethane	10.0000 U µg/L
	Tetrachloroethene	10.0000 U µg/L
	Toluene	10.0000 U µg/L
	1,1,1-Trichloroethane	10.0000 U µg/L
	1,1,2-Trichloroethane	10.0000 U µg/L
	Trichloroethene	10.0000 U µg/L
	Vinyl Chloride	10.0000 U µg/L
	Xylene (total)	10.0000 U µg/L
4F-A004 WL03	TCL Semi-Volatiles	
	Acenaphthene	10.0000 U µg/L
	Acenaphthylene	10.0000 U µg/L
	Anthracene	10.0000 U µg/L
	Benzo (a) anthracene	10.0000 U µg/L
	Benzo (a) pyrene	10.0000 U µg/L
	Benzo (b) fluoranthene	10.0000 U µg/L
	Benzo (g,h,i) perylene	10.0000 U µg/L
	Benzo (k) fluoranthene	10.0000 U µg/L
	bis (2-Chloroethoxy) Methane	10.0000 U µg/L
	bis (2-Chloroethyl) Ether	10.0000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.0000 U µg/L
	4-Bromophenyl-phenylether	10.0000 U µg/L
	Butylbenzylphthalate	10.0000 U µg/L
	Carbazole	10.0000 U µg/L
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	0.7000 U µg/L
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz (a,h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	3.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	10.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

4F-A004 WL03 TCL Pesticides

Aldrin	0.0500 U µg/L
Aroclor-1016	1.0000 U µg/L
Aroclor-1221	2.0000 U µg/L
Aroclor-1232	1.0000 U µg/L
Aroclor-1242	1.0000 U µg/L
Aroclor-1248	1.0000 U µg/L
Aroclor-1254	1.0000 U µg/L
Aroclor-1260	1.0000 U µg/L
gamma-BHC (Lindane)	0.0500 U µg/L
alpha-BHC	0.0500 U µg/L
beta-BHC	0.0500 U µg/L
delta-BHC	0.0500 U µg/L
alpha-Chlordane	0.0500 U µg/L
gamma-Chlordane	0.0500 U µg/L
4,4'-DDD	0.1000 U µg/L
4,4'-DDE	0.1000 U µg/L
4,4'-DDT	0.1000 U µg/L
Dieldrin	0.1000 U µg/L
Endosulfan I	0.0500 U µg/L
Endosulfan II	0.1000 U µg/L
Endosulfan sulfate	0.1000 U µg/L
Endrin	0.1000 U µg/L
Endrin aldehyde	0.1000 U µg/L
Endrin ketone	0.1000 U µg/L
Heptachlor	0.0500 U µg/L
Heptachlor epoxide	0.0500 U µg/L
Methoxychlor	0.5000 U µg/L
Toxaphene	5.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
4F-A004 WL03	Wet Chemistry		
	TOC	1,000.0000 <	µg/L
	TDS	10,000.0000 <	µg/L
	TSS	1,000.0000 <	µg/L

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NA-S001 SL01 TAL Total Inorganics

Aluminum	45.7000 UC	mg/kg
Antimony	2.6000 UR	mg/kg
Arsenic	0.3200 U	mg/kg
Barium	0.8300 U	mg/kg
Beryllium	0.1500 UC	mg/kg
Cadmium	0.1500 U	mg/kg
Calcium	54.9000 UC	mg/kg
Chromium	1.3000 U	mg/kg
Cobalt	0.3400 U	mg/kg
Copper	0.8500 UC	mg/kg
Iron	273.0000 UC	mg/kg
Lead	0.6000 UC	mg/kg
Magnesium	9.8000 UC	mg/kg
Manganese	1.8000 UC	mg/kg
Mercury	0.0400 U	mg/kg
Nickel	0.7800 U	mg/kg
Potassium	22.4000 UC	mg/kg
Selenium	0.4800 U	mg/kg
Silver	0.5500 U	mg/kg
Sodium	39.2000 UC	mg/kg
Thallium	0.3200 U	mg/kg
Vanadium	0.4500 UC	mg/kg
Zinc	1.0000 UCJ	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
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EQUIPMENT RINSEATES

1A-S066 SL02 TAL Total Inorganics

Aluminum	46.3000 UC	µg/L
Antimony	2.0000 U	µg/L
Arsenic	3.0000 U	µg/L
Barium	1.0000 U	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	1.0000 U	µg/L
Calcium	74.5000	µg/L
Chromium	1.0000 U	µg/L
Cobalt	1.0000 U	µg/L
Copper	1.0000 U	µg/L
Iron	1.0000 U	µg/L
Lead	7.0000 U	µg/L
Magnesium	1.1000	µg/L
Manganese	5.5000 UC	µg/L
Mercury	5.5000	µg/L
Nickel	0.2000 U	µg/L
Potassium	1.0000 U	µg/L
Selenium	1,200.0000 U	µg/L
Silver	3.0000 U	µg/L
Sodium	1.0000 U	µg/L
Thallium	108.0000 U	µg/L
Vanadium	3.0000 U	µg/L
Zinc	1.0000 U	µg/L
	1.7000 UC	µg/L

3B-S010 SL04 TAL Total Inorganics

Aluminum	136.0000 UC	µg/L
Antimony	1.9000 U	µg/L
Arsenic	3.5000 U	µg/L
Barium	1.2000 UC	µg/L
Beryllium	0.1000 U	µg/L
Cadmium	0.5000 U	µg/L
Calcium	82.1000 UC	µg/L
Chromium	2.2000 U	µg/L
Cobalt	0.5000 U	µg/L
Copper	2.3000	µg/L
Iron	48.4000	µg/L
Lead	1.6000 U	µg/L
Magnesium	14.2000 UC	µg/L
Manganese	1.2000 UC	µg/L
Mercury	0.2000 U	µg/L
Nickel	1.5000 U	µg/L
Potassium	158.0000 UC	µg/L
Selenium	4.4000 U	µg/L
Silver	0.6000 U	µg/L
Sodium	656.0000 UC	µg/L
Thallium	5.5000 U	µg/L
Vanadium	0.5000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
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Zinc	2.6000	µg/L
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3B-S056 UL02 TAL Total Inorganics

Aluminum	76.7000	µg/L
Antimony	1.9000 UC	µg/L
Arsenic	3.2000 U	µg/L
Barium	3.1000	µg/L
Beryllium	0.2000 U	µg/L
Cadmium	0.3000 U	µg/L
Calcium	58.0000	µg/L
Chromium	0.9000 U	µg/L
Cobalt	0.7100	µg/L
Copper	0.7000 U	µg/L
Iron	155.0000	µg/L
Lead	1.9000 U	µg/L
Magnesium	17.6000 UC	µg/L
Manganese	1.3000 UC	µg/L
Mercury	0.2000 U	µg/L
Nickel	1.4000 U	µg/L
Potassium	71.4000	µg/L
Selenium	4.4000 U	µg/L
Silver	0.5000 U	µg/L
Sodium	509.0000	µg/L
Thallium	4.5000 U	µg/L
Vanadium	0.8600	µg/L
Zinc	4.0000	µg/L

TCL Volatiles

Acetone	10.0000 U	µg/L
Benzene	10.0000 U	µg/L
Bromodichloromethane	10.0000 U	µg/L
Bromoform	10.0000 U	µg/L
Bromomethane	10.0000 U	µg/L
2-Butanone	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	µg/L
Chlorobenzene	10.0000 U	µg/L
Chloroethane	10.0000 U	µg/L
Chloroform	10.0000 U	µg/L
Chloromethane	10.0000 U	µg/L
Dibromochloromethane	10.0000 U	µg/L
1,1-Dichloroethane	10.0000 U	µg/L
1,2-Dichloroethane	10.0000 U	µg/L
1,2-Dichloroethene (total)	10.0000 U	µg/L
1,1-Dichloroethene	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	µg/L
Ethylbenzene	10.0000 U	µg/L
2-Hexanone	10.0000 U	µg/L
4-Methyl-2-Pentanone	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3B-S056 UL02	Methylene Chloride	10.0000 U	µg/L
	Styrene	10.0000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U	µg/L
	Tetrachloroethene	10.0000 U	µg/L
	Toluene	10.0000 U	µg/L
	1,1,1-Trichloroethane	10.0000 U	µg/L
	1,1,2-Trichloroethane	10.0000 U	µg/L
	Trichloroethene	10.0000 U	µg/L
	Vinyl Chloride	10.0000 U	µg/L
	Xylene (total)	10.0000 U	µg/L
	TCL Semi-Volatiles		
3B-S056 UL02	Acenaphthene	10.0000 U	µg/L
	Acenaphthylene	10.0000 U	µg/L
	Anthracene	10.0000 U	µg/L
	Benzo(a)anthracene	10.0000 U	µg/L
	Benzo(a)pyrene	10.0000 U	µg/L
	Benzo(b)fluoranthene	10.0000 U	µg/L
	Benzo(g,h,i)perylene	10.0000 U	µg/L
	Benzo(k)fluoranthene	10.0000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.0000 U	µg/L
	bis(2-Chloroethyl)Ether	10.0000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.0000 U	µg/L
	4-Bromophenyl-phenylether	10.0000 U	µg/L
	Butylbenzylphthalate	10.0000 U	µg/L
	Carbazole	10.0000 U	µg/L
	4-Chloro-3-Methylphenol	10.0000 U	µg/L
	4-Chloroaniline	10.0000 U	µg/L
	2-Chloronaphthalene	10.0000 U	µg/L
	2-Chlorophenol	10.0000 U	µg/L
	4-Chlorophenyl-phenylether	10.0000 U	µg/L
	Chrysene	10.0000 U	µg/L
	Di-n-butylphthalate	10.0000 U	µg/L
	Di-n-octylphthalate	10.0000 U	µg/L
	Dibenz(a,h)anthracene	10.0000 U	µg/L
	Dibenzofuran	10.0000 U	µg/L
	1,2-Dichlorobenzene	10.0000 U	µg/L
	1,3-Dichlorobenzene	10.0000 U	µg/L
	1,4-Dichlorobenzene	10.0000 U	µg/L
	3,3'-Dichlorobenzidine	10.0000 U	µg/L
	2,4-Dichlorophenol	10.0000 U	µg/L
	Diethylphthalate	10.0000 U	µg/L
	2,4-Dimethylphenol	10.0000 U	µg/L
	Dimethylphthalate	10.0000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U	µg/L
	2,4-Dinitrophenol	25.0000 U	µg/L
	2,4-Dinitrotoluene	10.0000 U	µg/L
	2,6-Dinitrotoluene	10.0000 U	µg/L
	Fluoranthene	10.0000 U	µg/L
	Fluorene	10.0000 U	µg/L
	Hexachlorobenzene	10.0000 U	µg/L
	Hexachlorobutadiene	10.0000 U	µg/L
	Hexachlorocyclopentadiene	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Hexachloroethane	10.0000	U µg/L
	Indeno(1,2,3-cd)pyrene	10.0000	U µg/L
	Isophorone	10.0000	U µg/L
	2-Methylnaphthalene	10.0000	U µg/L
	2-Methylphenol	10.0000	U µg/L
	4-Methylphenol	10.0000	U µg/L
	Naphthalene	10.0000	U µg/L
	2-Nitroaniline	25.0000	U µg/L
	3-Nitroaniline	25.0000	U µg/L
	4-Nitroaniline	25.0000	U µg/L
	Nitrobenzene	10.0000	U µg/L
	2-Nitrophenol	10.0000	U µg/L
	4-Nitrophenol	25.0000	U µg/L
	N-Nitroso-di-n-propylamine	10.0000	U µg/L
	N-Nitrosodiphenylamine (1)	10.0000	U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.0000	U µg/L
	Pentachlorophenol	25.0000	U µg/L
	Phenanthrene	10.0000	U µg/L
	Phenol	10.0000	U µg/L
	Pyrene	10.0000	U µg/L
	1,2,4-Trichlorobenzene	10.0000	U µg/L
	2,4,5-Trichlorophenol	25.0000	U µg/L
	2,4,6-Trichlorophenol	10.0000	U µg/L

3B-S056 UL02 TCL Pesticides

Aldrin	0.0500	U µg/L
Aroclor-1016	1.0000	U µg/L
Aroclor-1221	2.0000	U µg/L
Aroclor-1232	1.0000	U µg/L
Aroclor-1242	1.0000	U µg/L
Aroclor-1248	1.0000	U µg/L
Aroclor-1254	1.0000	U µg/L
Aroclor-1260	1.0000	U µg/L
gamma-BHC (Lindane)	0.0500	U µg/L
alpha-BHC	0.0500	U µg/L
beta-BHC	0.0500	U µg/L
delta-BHC	0.0500	U µg/L
alpha-Chlordane	0.0500	U µg/L
gamma-Chlordane	0.0500	U µg/L
4,4'-DDD	0.1000	U µg/L
4,4'-DDE	0.1000	U µg/L
4,4'-DDT	0.1000	U µg/L
Dieldrin	0.1000	U µg/L
Endosulfan I	0.0500	U µg/L
Endosulfan II	0.1000	U µg/L
Endosulfan sulfate	0.1000	U µg/L
Endrin	0.1000	U µg/L
Endrin aldehyde	0.1000	U µg/L
Endrin ketone	0.1000	U µg/L
Heptachlor	0.0500	U µg/L
Heptachlor epoxide	0.0500	U µg/L
Methoxychlor	0.5000	U µg/L
Toxaphene	5.0000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

025181

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
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025182

3C-S040 SL04 TAL Total Inorganics

Aluminum	138.0000	UCJ	µg/L
Antimony	1.9000	U	µg/L
Arsenic	3.5000	U	µg/L
Barium	1.3000	UC	µg/L
Beryllium	0.1000	U	µg/L
Cadmium	0.5000	U	µg/L
Calcium	93.1000	UCJ	µg/L
Chromium	2.2000	U	µg/L
Cobalt	0.5000	U	µg/L
Copper	1.7000	-	µg/L
Iron	35.9000	J	µg/L
Lead	1.6000	U	µg/L
Magnesium	34.5000	UCJ	µg/L
Manganese	0.5600	J	µg/L
Mercury	0.2000	UJv	µg/L
Nickel	1.5000	U	µg/L
Potassium	123.0000	UCJ	µg/L
Selenium	4.4000	U	µg/L
Silver	0.6000	U	µg/L
Sodium	441.0000	UCJ	µg/L
Thallium	5.5000	U	µg/L
Vanadium	0.6500	-	µg/L
Zinc	1.8000	-	µg/L

3C-S117 GW02 TAL Total Inorganics

Aluminum	452.0000	J	µg/L
Antimony	4.5000	U	µg/L
Arsenic	2.6000	U	µg/L
Barium	0.5500	ULC	µg/L
Beryllium	0.7700	ULC	µg/L
Cadmium	4.5000	U	µg/L
Calcium	193.0000	LJ	µg/L
Chromium	1.0000	U	µg/L
Cobalt	0.6000	U	µg/L
Copper	0.9000	U	µg/L
Iron	20.3000	U	µg/L
Lead	1.9000	U	µg/L
Magnesium	31.6000	ULC	µg/L
Manganese	1.3000	ULC	µg/L
Mercury	0.2000	U	µg/L
Nickel	4.4000	ULC	µg/L
Potassium	26.4000	U	µg/L
Selenium	3.1000	U	µg/L
Silver	0.6000	U	µg/L
Sodium	2,170.0000	ULC	µg/L
Thallium	3.8000	U	µg/L
Vanadium	0.5000	U	µg/L
Zinc	6.9000	ULC	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025182

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
3C-S117 GW02	TAL Dissolved Inorganics	
	Aluminum	474.0000 U ⁺ µg/L
	Antimony	4.5000 U µg/L
	Arsenic	2.6000 U µg/L
	Barium	0.5000 U µg/L
	Beryllium	0.8000 ULC µg/L
	Cadmium	4.5000 U µg/L
	Calcium	135.0000 LJ µg/L
	Chromium	1.0000 U µg/L
	Cobalt	1.2000 ULC µg/L
	Copper	0.9000 U µg/L
	Iron	20.3000 U µg/L
	Lead	1.9000 U µg/L
	Magnesium	18.3000 ULC µg/L
	Manganese	2.4000 ULC µg/L
	Mercury	0.2000 U µg/L
	Nickel	4.0000 U µg/L
	Potassium	26.4000 U µg/L
	Selenium	3.1000 U µg/L
	Silver	0.6000 U µg/L
	Sodium	1,580.0000 ULC µg/L
	Thallium	3.8000 U µg/L
	Vanadium	0.5000 U µg/L
	Zinc	6.5000 ULC µg/L
	TCL Volatiles	
	Acetone	10.0000 U µg/L
	Benzene	10.0000 U µg/L
	Bromodichloromethane	10.0000 U µg/L
	Bromoform	10.0000 U µg/L
	Bromomethane	10.0000 U µg/L
	2-Butanone	10.0000 U µg/L
	Carbon Disulfide	10.0000 U µg/L
	Carbon Tetrachloride	10.0000 U µg/L
	Chlorobenzene	10.0000 U µg/L
	Chloroethane	10.0000 U µg/L
	Chloroform	10.0000 U µg/L
	Chloromethane	10.0000 U µg/L
	Dibromochloromethane	10.0000 U µg/L
	1,1-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethene (total)	10.0000 U µg/L
	1,1-Dichloroethene	10.0000 U µg/L
	1,2-Dichloropropane	10.0000 U µg/L
	cis-1,3-Dichloropropene	10.0000 U µg/L
	trans-1,3-Dichloropropene	10.0000 U µg/L
	Ethylbenzene	10.0000 U µg/L
	2-Hexanone	10.0000 U µg/L
	4-Methyl-2-Pentanone	10.0000 U µg/L
	Methylene Chloride	10.0000 U µg/L
	Styrene	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	1,1,2,2-Tetrachloroethane	10.0000 U	µg/L
	Tetrachloroethene	10.0000 U	µg/L
	Toluene	10.0000 U	µg/L
	1,1,1-Trichloroethane	10.0000 U	µg/L
	1,1,2-Trichloroethane	10.0000 U	µg/L
	Trichloroethene	10.0000 U	µg/L
	Vinyl Chloride	10.0000 U	µg/L
	Xylene (total)	10.0000 U	µg/L
3C-S117 GW02	TCL Semi-Volatiles		
	Acenaphthene	10.0000 U	µg/L
	Acenaphthylene	10.0000 U	µg/L
	Anthracene	10.0000 U	µg/L
	Benzo(a)anthracene	10.0000 U	µg/L
	Benzo(a)pyrene	10.0000 U	µg/L
	Benzo(b)fluoranthene	10.0000 U	µg/L
	Benzo(g,h,i)perylene	10.0000 U	µg/L
	Benzo(k)fluoranthene	10.0000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.0000 U	µg/L
	bis(2-Chloroethyl)Ether	10.0000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.0000 U	µg/L
	4-Bromophenyl-phenylether	10.0000 U	µg/L
	Butylbenzylphthalate	10.0000 U	µg/L
	Carbazole	10.0000 U	µg/L
	4-Chloro-3-Methylphenol	10.0000 U	µg/L
	4-Chloroaniline	10.0000 U	µg/L
	2-Chloronaphthalene	10.0000 U	µg/L
	2-Chlorophenol	10.0000 U	µg/L
	4-Chlorophenyl-phenylether	10.0000 U	µg/L
	Chrysene	10.0000 U	µg/L
	Di-n-butylphthalate	10.0000 U	µg/L
	Di-n-octylphthalate	10.0000 U	µg/L
	Dibenz(a,h)anthracene	10.0000 U	µg/L
	Dibenzofuran	10.0000 U	µg/L
	1,2-Dichlorobenzene	10.0000 U	µg/L
	1,3-Dichlorobenzene	10.0000 U	µg/L
	1,4-Dichlorobenzene	10.0000 U	µg/L
	3,3'-Dichlorobenzidine	10.0000 U	µg/L
	2,4-Dichlorophenol	10.0000 U	µg/L
	Diethylphthalate	10.0000 U	µg/L
	2,4-Dimethylphenol	10.0000 U	µg/L
	Dimethylphthalate	10.0000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U	µg/L
	2,4-Dinitrophenol	25.0000 U	µg/L
	2,4-Dinitrotoluene	10.0000 U	µg/L
	2,6-Dinitrotoluene	10.0000 U	µg/L
	Fluoranthene	10.0000 U	µg/L
	Fluorene	10.0000 U	µg/L
	Hexachlorobenzene	10.0000 U	µg/L
	Hexachlorobutadiene	10.0000 U	µg/L
	Hexachlorocyclopentadiene	10.0000 U	µg/L
	Hexachloroethane	10.0000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

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3C-S117 GW02 TCL Pesticides

Aldrin	0.0500 U µg/L
Aroclor-1016	1.0000 U µg/L
Aroclor-1221	2.0000 U µg/L
Aroclor-1232	1.0000 U µg/L
Aroclor-1242	1.0000 U µg/L
Aroclor-1248	1.0000 U µg/L
Aroclor-1254	1.0000 U µg/L
Aroclor-1260	1.0000 U µg/L
gamma-BHC (Lindane)	0.0500 U µg/L
alpha-BHC	0.0500 U µg/L
beta-BHC	0.0500 U µg/L
delta-BHC	0.0500 U µg/L
alpha-Chlordane	0.0500 U µg/L
gamma-Chlordane	0.0500 U µg/L
4,4'-DDD	0.1000 U µg/L
4,4'-DDE	0.1000 U µg/L
4,4'-DDT	0.1000 U µg/L
Dieldrin	0.1000 U µg/L
Endosulfan I	0.0500 U µg/L
Endosulfan II	0.1000 U µg/L
Endosulfan sulfate	0.1000 U µg/L
Endrin	0.1000 U µg/L
Endrin aldehyde	0.1000 U µg/L
Endrin ketone	0.1000 U µg/L
Heptachlor	0.0500 U µg/L
Heptachlor epoxide	0.0500 U µg/L
Methoxychlor	0.5000 U µg/L
Toxaphene	5.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3C-S117 GW02	Wet Chemistry		
	Total Alkalinity	10,000.0000	< µg/L
	Chloride	3,000.0000	< µg/L
	Fluoride	100.0000	< µg/L
	Nitrate	100.0000	< µg/L
	Oil and Grease	10,000.0000	< µg/L
	Total Phosphorus	100.0000	< µg/L
	TDS	29,000.0000	< µg/L
	TSS	4,000.0000	< µg/L
	Sulfate	10,000.0000	< µg/L
3D-S117 SL04	TAL Total Inorganics		
	Aluminum	10.1000	µg/L
	Antimony	3.0000	U µg/L
	Arsenic	3.0000	U µg/L
	Barium	1.0000	U µg/L
	Beryllium	1.0000	U µg/L
	Cadmium	1.0000	U µg/L
	Calcium	10.7000	UC µg/L
	Chromium	1.0000	U µg/L
	Cobalt	1.0000	U µg/L
	Copper	1.0000	U µg/L
	Iron	7.7000	UC µg/L
	Lead	1.0000	U µg/L
	Magnesium	9.0000	U µg/L
	Manganese	1.0000	U µg/L
	Mercury	0.2000	U µg/L
	Nickel	1.0000	U µg/L
	Potassium	534.0000	U µg/L
	Selenium	3.0000	U µg/L
	Silver	1.8000	UC µg/L
	Sodium	114.0000	U µg/L
	Thallium	4.0000	U µg/L
	Vanadium	1.0000	U µg/L
	Zinc	1.5000	UC µg/L
3D-S126 UL02	TAL Total Inorganics		
	Aluminum	19.0000	U µg/L
	Antimony	38.6000	U µg/L
	Arsenic	1.8000	U µg/L
	Barium	1.1000	U µg/L
	Beryllium	0.3000	U µg/L
	Cadmium	3.4000	U µg/L
	Calcium	25.6000	U µg/L
	Chromium	3.6000	U µg/L
	Cobalt	5.2000	U µg/L
	Copper	2.8000	U µg/L
	Iron	4.6000	UC µg/L
	Lead	0.6000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

025186

025186

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier
	Magnesium	27.0000 U µg/L
	Manganese	1.0000 U µg/L
	Mercury	0.1000 U µg/L
	Nickel	14.4000 U µg/L
	Potassium	534.0000 U µg/L
	Selenium	0.8000 U µg/L
	Silver	9.0000 U µg/L
	Sodium	65.8000 U µg/L
	Thallium	0.7000 U µg/L
	Vanadium	2.5000 U µg/L
	Zinc	3.1000 U µg/L

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3K-S016 GW02 TAL Total Inorganics

Aluminum	74.3000 ULCJ µg/L
Antimony	1.9000 U µg/L
Arsenic	3.2000 U µg/L
Barium	3.8000 L µg/L
Beryllium	0.2000 U µg/L
Cadmium	0.3000 U µg/L
Calcium	1,700.0000 L µg/L
Chromium	0.9000 U µg/L
Cobalt	0.6000 U µg/L
Copper	3.3000 L µg/L
Iron	41.9000 L µg/L
Lead	1.9000 U µg/L
Magnesium	351.0000 L µg/L
Manganese	2.3000 L µg/L
Mercury	0.2000 U µg/L
Nickel	1.4000 U µg/L
Potassium	82.6000 L µg/L
Selenium	4.4000 U µg/L
Silver	0.5000 U µg/L
Sodium	866.0000 L µg/L
Thallium	4.5000 U µg/L
Vanadium	0.4000 U µg/L
Zinc	15.0000 L µg/L

TAL Dissolved Inorganics

Aluminum	101.0000 L µg/L
Antimony	1.9000 U µg/L
Arsenic	3.2000 U µg/L
Barium	3.0000 L µg/L
Beryllium	0.2000 U µg/L
Cadmium	0.3000 U µg/L
Calcium	1,350.0000 L µg/L
Chromium	0.9000 U µg/L
Cobalt	0.6500 L µg/L
Copper	2.6000 L µg/L
Iron	52.2000 ULC µg/L
Lead	1.9000 U µg/L
Magnesium	261.0000 L µg/L

* See Attachment B-2 for definitions of the qualifiers.

025187

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
3K-S016 GW02	Manganese	3.9000	L µg/L
	Mercury	0.2000	U µg/L
	Nickel	1.4000	U µg/L
	Potassium	116.0000	L µg/L
	Selenium	4.4000	U µg/L
	Silver	0.5000	U µg/L
	Sodium	955.0000	L µg/L
	Thallium	4.5000	U µg/L
	Vanadium	0.4000	U µg/L
	Zinc	18.5000	L µg/L
	TCL Volatiles		
	Acetone	10.0000	U µg/L
	Benzene	10.0000	UJv µg/L
	Bromodichloromethane	10.0000	U µg/L
	Bromoform	10.0000	U µg/L
	Bromomethane	10.0000	UJv µg/L
	2-Butanone	10.0000	U µg/L
	Carbon Disulfide	10.0000	U µg/L
	Carbon Tetrachloride	10.0000	U µg/L
	Chlorobenzene	10.0000	UJv µg/L
	Chloroethane	10.0000	UJv µg/L
	Chloroform	10.0000	U µg/L
	Chloromethane	10.0000	UJv µg/L
	Dibromochloromethane	10.0000	U µg/L
	1,1-Dichloroethane	10.0000	U µg/L
	1,2-Dichloroethane	10.0000	U µg/L
	1,2-Dichloroethene (total)	10.0000	U µg/L
	1,1-Dichloroethene	10.0000	U µg/L
	1,2-Dichloropropane	10.0000	U µg/L
	cis-1,3-Dichloropropene	10.0000	U µg/L
	trans-1,3-Dichloropropene	10.0000	U µg/L
	Ethylbenzene	10.0000	UJv µg/L
	2-Hexanone	10.0000	U µg/L
	4-Methyl-2-Pentanone	10.0000	U µg/L
	Methylene Chloride	10.0000	U µg/L
	Styrene	10.0000	UJv µg/L
	1,1,2,2-Tetrachloroethane	10.0000	U µg/L
	Tetrachloroethene	10.0000	U µg/L
	Toluene	10.0000	UJv µg/L
	1,1,1-Trichloroethane	10.0000	U µg/L
	1,1,2-Trichloroethane	10.0000	U µg/L
	Trichloroethene	10.0000	U µg/L
	Vinyl Chloride	10.0000	UJv µg/L
	Xylene (total)	10.0000	UJv µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.0000	U µg/L
	Acenaphthylene	10.0000	U µg/L
	Anthracene	10.0000	U µg/L
	Benzo (a) anthracene	10.0000	U µg/L
	Benzo (a) pyrene	10.0000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Benzo(b) fluoranthene	10.0000 U µg/L
	Benzo(g,h,i) perylene	10.0000 U µg/L
	Benzo(k) fluoranthene	10.0000 U µg/L
	bis(2-Chloroethoxy) Methane	10.0000 U µg/L
	bis(2-Chloroethyl) Ether	10.0000 U µg/L
	bis(2-Ethylhexyl) phthalate	10.0000 U µg/L
	4-Bromophenyl-phenylether	10.0000 U µg/L
	Butylbenzylphthalate	10.0000 U µg/L
	Carbazole	10.0000 U µg/L
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	10.0000 U µg/L
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz(a,h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	10.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	2.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

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Location & Sample Number	Analysis/Parameter	Result & Qualifier	
3K-S016 GW02	Phenol	10.0000 U	µg/L
	Pyrene	10.0000 U	µg/L
	1,2,4-Trichlorobenzene	10.0000 U	µg/L
	2,4,5-Trichlorophenol	25.0000 U	µg/L
	2,4,6-Trichlorophenol	10.0000 U	µg/L
	TCL Pesticides		
	Aldrin	0.0500 U	µg/L
	Aroclor-1016	1.0000 U	µg/L
	Aroclor-1221	2.0000 U	µg/L
	Aroclor-1232	1.0000 U	µg/L
	Aroclor-1242	1.0000 U	µg/L
	Aroclor-1248	1.0000 U	µg/L
	Aroclor-1254	1.0000 U	µg/L
	Aroclor-1260	1.0000 U	µg/L
	gamma-BHC (Lindane)	0.0500 U	µg/L
	alpha-BHC	0.0500 U	µg/L
	beta-BHC	0.0500 U	µg/L
	delta-BHC	0.0500 U	µg/L
	alpha-Chlordane	0.0500 U	µg/L
	gamma-Chlordane	0.0500 U	µg/L
	4,4'-DDD	0.1000 U	µg/L
4A-S040 SL03	4,4'-DDE	0.1000 U	µg/L
	4,4'-DDT	0.1000 U	µg/L
	Dieldrin	0.1000 U	µg/L
	Endosulfan I	0.0500 U	µg/L
	Endosulfan II	0.1000 U	µg/L
	Endosulfan sulfate	0.1000 U	µg/L
	Endrin	0.1000 U	µg/L
	Endrin aldehyde	0.1000 U	µg/L
	Endrin ketone	0.1000 U	µg/L
	Heptachlor	0.0500 U	µg/L
	Heptachlor epoxide	0.0500 U	µg/L
	Methoxychlor	0.5000 U	µg/L
	Toxaphene	5.0000 U	µg/L
	Wet Chemistry		
	Total Alkalinity	10,000.0000 U	µg/L
	Chloride	3,000.0000 U	µg/L
	Fluoride	200.0000 U	µg/L
	Nitrate	50.0000 U	µg/L
	Oil and Grease	400.0000	µg/L
	Total Phosphorus	887.0000	µg/L
	TDS	18,000.0000	µg/L
	TSS	4,000.0000 U	µg/L
	Sulfate	10,000.0000 U	µg/L
	TAL Total Inorganics		
	Aluminum	74.2000 UC	µg/L
	Antimony	5.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Arsenic	7.0000 U µg/L
	Barium	1.0000 U µg/L
	Beryllium	1.0000 U µg/L
	Cadmium	2.0000 U µg/L
	Calcium	270.0000 U µg/L
	Chromium	5.0000 U µg/L
	Cobalt	2.0000 U µg/L
	Copper	3.0000 U µg/L
	Iron	63.4000 U µg/L
	Lead	3.0000 U µg/L
	Magnesium	54.8000 UC µg/L
	Manganese	1.0000 U µg/L
	Mercury	0.2000 U µg/L
	Nickel	10.0000 U µg/L
	Potassium	200.0000 U µg/L
	Selenium	5.0000 U µg/L
	Silver	3.0000 U µg/L
	Sodium	232.0000 U µg/L
	Thallium	7.0000 U µg/L
	Vanadium	2.0000 U µg/L
	Zinc	4.0000 U µg/L

4A-S047 UL02 TAL Total Inorganics

Aluminum	7.0000 U	µg/L
Antimony	2.0000 U	µg/L
Arsenic	3.0000 U	µg/L
Barium	1.0000 U	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	1.0000 U	µg/L
Calcium	162.0000 UC	µg/L
Chromium	1.0000 U	µg/L
Cobalt	1.0000 U	µg/L
Copper	1.7000 UC	µg/L
Iron	9.7000 UC	µg/L
Lead	1.4000 U	µg/L
Magnesium	20.6000 UC	µg/L
Manganese	4.7000 J	µg/L
Mercury	0.2000 U	µg/L
Nickel	1.0000 U	µg/L
Potassium	42.9000 UC	µg/L
Selenium	3.0000 U	µg/L
Silver	1.0000 U	µg/L
Sodium	242.0000 JV	µg/L
Thallium	3.0000 U	µg/L
Vanadium	1.0000 U	µg/L
Zinc	5.0000 UC	µg/L

TCL Volatiles

Acetone	2.0000 J	µg/L
Benzene	10.0000 U	µg/L
Bromodichloromethane	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
4A-S047 UL02	Bromoform	10.0000 U µg/L
	Bromomethane	10.0000 U µg/L
	2-Butanone	10.0000 U µg/L
	Carbon Disulfide	10.0000 U µg/L
	Carbon Tetrachloride	10.0000 U µg/L
	Chlorobenzene	10.0000 U µg/L
	Chloroethane	10.0000 U µg/L
	Chloroform	10.0000 U µg/L
	Chloromethane	10.0000 U µg/L
	Dibromochloromethane	10.0000 U µg/L
	1,1-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethene (total)	10.0000 U µg/L
	1,1-Dichloroethene	10.0000 U µg/L
	1,2-Dichloropropane	10.0000 U µg/L
	cis-1,3-Dichloropropene	10.0000 U µg/L
	trans-1,3-Dichloropropene	10.0000 U µg/L
	Ethylbenzene	10.0000 U µg/L
	2-Hexanone	10.0000 U µg/L
	4-Methyl-2-Pentanone	10.0000 U µg/L
	Methylene Chloride	10.0000 U µg/L
	Styrene	10.0000 U µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U µg/L
	Tetrachloroethene	10.0000 U µg/L
	Toluene	10.0000 U µg/L
	1,1,1-Trichloroethane	10.0000 U µg/L
	1,1,2-Trichloroethane	10.0000 U µg/L
	Trichloroethene	10.0000 U µg/L
	Vinyl Chloride	10.0000 U µg/L
	Xylene (total)	10.0000 U µg/L
	TCL Semi-Volatiles	
	Acenaphthene	10.0000 U µg/L
	Acenaphthylene	10.0000 U µg/L
	Anthracene	10.0000 U µg/L
	Benzo(a)anthracene	10.0000 U µg/L
	Benzo(a)pyrene	10.0000 U µg/L
	Benzo(b)fluoranthene	10.0000 U µg/L
	Benzo(g,h,i)perylene	10.0000 U µg/L
	Benzo(k)fluoranthene	10.0000 U µg/L
	bis(2-Chloroethoxy)Methane	10.0000 U µg/L
	bis(2-Chloroethyl)Ether	10.0000 U µg/L
	bis(2-Ethylhexyl)phthalate	10.0000 U µg/L
	4-Bromophenyl-phenylether	10.0000 U µg/L
	Butylbenzylphthalate	10.0000 U µg/L
	Carbazole	10.0000 U µg/L
	4-Chloro-3-Methylphenol	10.0000 U µg/L
	4-Chloroaniline	10.0000 U µg/L
	2-Chloronaphthalene	10.0000 U µg/L
	2-Chlorophenol	10.0000 U µg/L
	4-Chlorophenyl-phenylether	10.0000 U µg/L
	Chrysene	10.0000 U µg/L
	Di-n-butylphthalate	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

025192

025192

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Di-n-octylphthalate	10.0000 U µg/L
	Dibenz (a,h) anthracene	10.0000 U µg/L
	Dibenzofuran	10.0000 U µg/L
	1,2-Dichlorobenzene	10.0000 U µg/L
	1,3-Dichlorobenzene	10.0000 U µg/L
	1,4-Dichlorobenzene	3.0000 U µg/L
	3,3'-Dichlorobenzidine	10.0000 U µg/L
	2,4-Dichlorophenol	10.0000 U µg/L
	Diethylphthalate	10.0000 U µg/L
	2,4-Dimethylphenol	10.0000 U µg/L
	Dimethylphthalate	10.0000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.0000 U µg/L
	2,4-Dinitrophenol	25.0000 U µg/L
	2,4-Dinitrotoluene	10.0000 U µg/L
	2,6-Dinitrotoluene	10.0000 U µg/L
	Fluoranthene	10.0000 U µg/L
	Fluorene	10.0000 U µg/L
	Hexachlorobenzene	10.0000 U µg/L
	Hexachlorobutadiene	10.0000 U µg/L
	Hexachlorocyclopentadiene	10.0000 U µg/L
	Hexachloroethane	10.0000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.0000 U µg/L
	Isophorone	10.0000 U µg/L
	2-Methylnaphthalene	10.0000 U µg/L
	2-Methylphenol	10.0000 U µg/L
	4-Methylphenol	10.0000 U µg/L
	Naphthalene	10.0000 U µg/L
	2-Nitroaniline	25.0000 U µg/L
	3-Nitroaniline	25.0000 U µg/L
	4-Nitroaniline	25.0000 U µg/L
	Nitrobenzene	10.0000 U µg/L
	2-Nitrophenol	10.0000 U µg/L
	4-Nitrophenol	25.0000 U µg/L
	N-Nitroso-di-n-propylamine	10.0000 U µg/L
	N-Nitrosodiphenylamine (1)	10.0000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.0000 U µg/L
	Pentachlorophenol	25.0000 U µg/L
	Phenanthrene	10.0000 U µg/L
	Phenol	10.0000 U µg/L
	Pyrene	10.0000 U µg/L
	1,2,4-Trichlorobenzene	10.0000 U µg/L
	2,4,5-Trichlorophenol	25.0000 U µg/L
	2,4,6-Trichlorophenol	10.0000 U µg/L

4A-S047 UL02 TCL Pesticides

Aldrin	0.0500 U µg/L
Aroclor-1016	1.0000 U µg/L
Aroclor-1221	2.0000 U µg/L
Aroclor-1232	1.0000 U µg/L
Aroclor-1242	1.0000 U µg/L
Aroclor-1248	1.0000 U µg/L
Aroclor-1254	1.0000 U µg/L
Aroclor-1260	1.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

025193

025193

Remedial Investigation QA/QC Sample Results

025194

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	gamma-BHC (Lindane)	0.0500 U	µg/L
	alpha-BHC	0.0500 U	µg/L
	beta-BHC	0.0500 U	µg/L
	delta-BHC	0.0500 U	µg/L
	alpha-Chlordane	0.0500 U	µg/L
	gamma-Chlordane	0.0500 U	µg/L
	4,4'-DDD	0.1000 U	µg/L
	4,4'-DDE	0.1000 U	µg/L
	4,4'-DDT	0.1000 U	µg/L
	Dieldrin	0.1000 U	µg/L
	Endosulfan I	0.0500 U	µg/L
	Endosulfan II	0.1000 U	µg/L
	Endosulfan sulfate	0.1000 U	µg/L
	Endrin	0.1000 U	µg/L
	Endrin aldehyde	0.1000 U	µg/L
	Endrin ketone	0.1000 U	µg/L
	Heptachlor	0.0500 U	µg/L
	Heptachlor epoxide	0.0500 U	µg/L
	Methoxychlor	0.5000 U	µg/L
	Toxaphene	5.0000 U	µg/L

4C-S016 UL03 TAL Total Inorganics

Aluminum	9.1000 UC	µg/L
Antimony	2.0000 U	µg/L
Arsenic	3.0000 U	µg/L
Barium	1.3000	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	1.0000 U	µg/L
Calcium	85.4000 UC	µg/L
Chromium	1.4000	µg/L
Cobalt	1.0000 U	µg/L
Copper	3.0000 U	µg/L
Iron	7.8000 UC	µg/L
Lead	1.5000	µg/L
Magnesium	8.5000 UC	µg/L
Manganese	1.7000	µg/L
Mercury	0.2000 U	µg/L
Nickel	1.0000 U	µg/L
Potassium	24.1000 UC	µg/L
Selenium	3.0000	µg/L
Silver	1.0000 U	µg/L
Sodium	108.0000 UvJ	µg/L
Thallium	5.0000 UC	µg/L
Vanadium	1.0000 U	µg/L
Zinc	3.8000 UC	µg/L

4C-S020 SL04 TAL Total Inorganics

Aluminum	34.2000 UC	µg/L
Antimony	13.8000 U	µg/L
Arsenic	2.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Barium	4.2000 - µg/L
	Beryllium	0.7000 U µg/L
	Cadmium	0.8000 U µg/L
	Calcium	174.0000 UC µg/L
	Chromium	6.7000 U µg/L
	Cobalt	1.8000 U µg/L
	Copper	4.6000 UC µg/L
	Iron	54.8000 UC µg/L
	Lead	8.3000 - µg/L
	Magnesium	60.3000 - µg/L
	Manganese	1.2000 UC µg/L
	Mercury	0.2000 UJv µg/L
	Nickel	4.1000 U µg/L
	Potassium	139.0000 - µg/L
	Selenium	3.0000 U µg/L
	Silver	2.9000 U µg/L
	Sodium	312.0000 UC µg/L
	Thallium	1.8000 U µg/L
	Vanadium	1.9000 U µg/L
	Zinc	3.2000 UC µg/L

4C-S081 SL02 TAL Total Inorganics

Aluminum	138.0000 UC	µg/L
Antimony	5.0000 U	µg/L
Arsenic	10.0000 U	µg/L
Barium	1.0000 U	µg/L
Beryllium	1.4000 UC	µg/L
Cadmium	2.0000 U	µg/L
Calcium	65.6000 UC	µg/L
Chromium	5.0000 U	µg/L
Cobalt	2.0000 U	µg/L
Copper	3.0000 U	µg/L
Iron	60.0000 U	µg/L
Lead	2.0000 U	µg/L
Magnesium	15.0000 U	µg/L
Manganese	1.0000 U	µg/L
Mercury	0.2000 U	µg/L
Nickel	10.0000 U	µg/L
Potassium	200.0000 U	µg/L
Selenium	4.0000 U	µg/L
Silver	3.0000 U	µg/L
Sodium	166.0000 U	µg/L
Thallium	9.0000 U	µg/L
Vanadium	2.0000 U	µg/L
Zinc	4.0000 U	µg/L

4C-S112 SL02 TAL Total Inorganics

Aluminum	45.8000 UC	µg/L
Antimony	2.0000 U	µg/L
Arsenic	3.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025195

025195

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Barium	1.0000 U	µg/L
	Beryllium	1.0000 U	µg/L
	Cadmium	1.0000 U	µg/L
	Calcium	193.0000 UC	µg/L
	Chromium	1.0000 U	µg/L
	Cobalt	1.0000 U	µg/L
	Copper	5.3000 U	µg/L
	Iron	15.5000 UC	µg/L
	Lead	1.0000 U	µg/L
	Magnesium	79.3000 UC	µg/L
	Manganese	1.0000 U	µg/L
	Mercury	0.2000 U	µg/L
	Nickel	1.0000 U	µg/L
	Potassium	1,200.0000 U	µg/L
	Selenium	3.0000 U	µg/L
	Silver	1.0000 U	µg/L
	Sodium	108.0000 UJ	µg/L
	Thallium	3.0000 U	µg/L
	Vanadium	1.0000 U	µg/L
	Zinc	3.3000 UC	µg/L

4D-S066 SL02 TAL Total Inorganics

Aluminum	14.0000 U	µg/L
Antimony	4.0000 U	µg/L
Arsenic	4.0000 U	µg/L
Barium	1.0000 U	µg/L
Beryllium	1.0000 U	µg/L
Cadmium	1.0000 U	µg/L
Calcium	42.3000	µg/L
Chromium	1.0000 U	µg/L
Cobalt	1.0000 U	µg/L
Copper	1.0000 U	µg/L
Iron	14.0000 U	µg/L
Lead	1.0000 U	µg/L
Magnesium	8.0000 U	µg/L
Manganese	1.5000	µg/L
Mercury	0.2000 U	µg/L
Nickel	1.0000 U	µg/L
Potassium	45.0000 U	µg/L
Selenium	3.2000	µg/L
Silver	2.0000 U	µg/L
Sodium	48.3000	µg/L
Thallium	4.0000 U	µg/L
Vanadium	1.0000 U	µg/L
Zinc	1.9000	µg/L

4D-S073 SL04 TAL Total Inorganics

Aluminum	25.0000 U	µg/L
Antimony	5.0000 U	µg/L
Arsenic	7.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025196

025196

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*	
	Barium	1.0000	U µg/L
	Beryllium	1.0000	U µg/L
	Cadmium	2.0000	U µg/L
	Calcium	348.0000	µg/L
	Chromium	5.0000	U µg/L
	Cobalt	2.0000	U µg/L
	Copper	3.1000	µg/L
	Iron	60.0000	J µg/L
	Lead	8.7000	µg/L
	Magnesium	61.7000	µg/L
	Manganese	1.0000	U µg/L
	Mercury	0.2000	U µg/L
	Nickel	10.0000	U µg/L
	Potassium	200.0000	U µg/L
	Selenium	5.0000	U µg/L
	Silver	3.0000	U µg/L
	Sodium	494.0000	UC µg/L
	Thallium	7.0000	U µg/L
	Vanadium	2.0000	U µg/L
	Zinc	4.0000	U µg/L

025197

* See Attachment B-2 for definitions of the qualifiers.

025197

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
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TRIP BLANKS

1A-0118 TL01 TCL Volatiles

Acetone	10.0000 U	µg/L
Benzene	10.0000 U	µg/L
Bromodichloromethane	10.0000 U	µg/L
Bromoform	10.0000 U	µg/L
Bromomethane	10.0000 U	µg/L
2-Butanone	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	µg/L
Chlorobenzene	10.0000 U	µg/L
Chloroethane	10.0000 U	µg/L
Chloroform	2.0000 U	µg/L
Chloromethane	10.0000 U	µg/L
Dibromochloromethane	10.0000 U	µg/L
1,1-Dichloroethane	10.0000 U	µg/L
1,2-Dichloroethane	10.0000 U	µg/L
1,2-Dichloroethene (total)	10.0000 U	µg/L
1,1-Dichloroethene	10.0000 U	µg/L
1,2-Dichloropropane	10.0000 U	µg/L
cis-1,3-Dichloropropene	10.0000 U	µg/L
trans-1,3-Dichloropropene	10.0000 U	µg/L
Ethylbenzene	10.0000 U	µg/L
2-Hexanone	10.0000 U	µg/L
4-Methyl-2-Pentanone	10.0000 U	µg/L
Methylene Chloride	10.0000 U	µg/L
Styrene	10.0000 U	µg/L
1,1,2,2-Tetrachloroethane	10.0000 U	µg/L
Tetrachloroethene	10.0000 U	µg/L
Toluene	10.0000 U	µg/L
1,1,1-Trichloroethane	10.0000 U	µg/L
1,1,2-Trichloroethane	10.0000 U	µg/L
Trichloroethene	10.0000 U	µg/L
Vinyl Chloride	10.0000 U	µg/L
Xylene (total)	10.0000 U	µg/L

1F-0215 TL01 TCL Volatiles

Acetone	10.0000 U	µg/L
Benzene	10.0000 U	µg/L
Bromodichloromethane	10.0000 U	µg/L
Bromoform	10.0000 U	µg/L
Bromomethane	10.0000 U	µg/L
2-Butanone	10.0000 U	µg/L
Carbon Disulfide	10.0000 U	µg/L
Carbon Tetrachloride	10.0000 U	µg/L
Chlorobenzene	10.0000 U	µg/L
Chloroethane	10.0000 U	µg/L
Chloroform	10.0000 U	µg/L
Chloromethane	10.0000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025198

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Dibromochloromethane	10.0000 U µg/L
	1,1-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethene (total)	10.0000 U µg/L
	1,1-Dichloroethene	10.0000 U µg/L
	1,2-Dichloropropane	10.0000 U µg/L
	cis-1,3-Dichloropropene	10.0000 U µg/L
	trans-1,3-Dichloropropene	10.0000 U µg/L
	Ethylbenzene	10.0000 U µg/L
	2-Hexanone	10.0000 U µg/L
	4-Methyl-2-Pentanone	10.0000 U µg/L
	Methylene Chloride	10.0000 U µg/L
	Styrene	10.0000 U µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U µg/L
	Tetrachloroethene	10.0000 U µg/L
	Toluene	10.0000 U µg/L
	1,1,1-Trichloroethane	10.0000 U µg/L
	1,1,2-Trichloroethane	10.0000 U µg/L
	Trichloroethene	10.0000 U µg/L
	Vinyl Chloride	10.0000 U µg/L
	Xylene (total)	10.0000 U µg/L

3D-0515 TL01 TCL Volatiles

Acetone	10.0000 U µg/L
Benzene	10.0000 U µg/L
Bromodichloromethane	10.0000 U µg/L
Bromoform	10.0000 U µg/L
Bromomethane	10.0000 U µg/L
2-Butanone	10.0000 U µg/L
Carbon Disulfide	10.0000 U µg/L
Carbon Tetrachloride	10.0000 U µg/L
Chlorobenzene	10.0000 U µg/L
Chloroethane	10.0000 U µg/L
Chloroform	10.0000 U µg/L
Chloromethane	10.0000 U µg/L
Dibromochloromethane	10.0000 U µg/L
1,1-Dichloroethane	10.0000 U µg/L
1,2-Dichloroethane	10.0000 U µg/L
1,2-Dichloroethene (total)	10.0000 U µg/L
1,1-Dichloroethene	10.0000 U µg/L
1,2-Dichloropropane	10.0000 U µg/L
cis-1,3-Dichloropropene	10.0000 U µg/L
trans-1,3-Dichloropropene	10.0000 U µg/L
Ethylbenzene	10.0000 U µg/L
2-Hexanone	10.0000 U µg/L
4-Methyl-2-Pentanone	10.0000 U µg/L
Methylene Chloride	10.0000 U µg/L
Styrene	10.0000 U µg/L
1,1,2,2-Tetrachloroethane	10.0000 U µg/L
Tetrachloroethene	10.0000 U µg/L
Toluene	10.0000 U µg/L
1,1,1-Trichloroethane	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

025200

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	1,1,2-Trichloroethane	10.0000 U $\mu\text{g/L}$
	Trichloroethene	10.0000 U $\mu\text{g/L}$
	Vinyl Chloride	10.0000 U $\mu\text{g/L}$
	Xylene (total)	10.0000 U $\mu\text{g/L}$

3E-0120 TL01 TCL Volatiles

Acetone	10.0000 U $\mu\text{g/L}$
Benzene	10.0000 U $\mu\text{g/L}$
Bromodichloromethane	10.0000 U $\mu\text{g/L}$
Bromoform	10.0000 U $\mu\text{g/L}$
Bromomethane	10.0000 U $\mu\text{g/L}$
2-Butanone	10.0000 U $\mu\text{g/L}$
Carbon Disulfide	10.0000 U $\mu\text{g/L}$
Carbon Tetrachloride	10.0000 U $\mu\text{g/L}$
Chlorobenzene	10.0000 U $\mu\text{g/L}$
Chloroethane	10.0000 U $\mu\text{g/L}$
Chloroform	1.0000 U $\mu\text{g/L}$
Chloromethane	10.0000 U $\mu\text{g/L}$
Dibromochloromethane	10.0000 U $\mu\text{g/L}$
1,1-Dichloroethane	10.0000 U $\mu\text{g/L}$
1,2-Dichloroethane	10.0000 U $\mu\text{g/L}$
1,2-Dichloroethene (total)	10.0000 U $\mu\text{g/L}$
1,1-Dichloroethene	10.0000 U $\mu\text{g/L}$
1,2-Dichloropropane	10.0000 U $\mu\text{g/L}$
cis-1,3-Dichloropropene	10.0000 U $\mu\text{g/L}$
trans-1,3-Dichloropropene	10.0000 U $\mu\text{g/L}$
Ethylbenzene	10.0000 U $\mu\text{g/L}$
2-Hexanone	10.0000 U $\mu\text{g/L}$
4-Methyl-2-Pentanone	10.0000 U $\mu\text{g/L}$
Methylene Chloride	10.0000 U $\mu\text{g/L}$
Styrene	10.0000 U $\mu\text{g/L}$
1,1,2,2-Tetrachloroethane	10.0000 U $\mu\text{g/L}$
Tetrachloroethene	10.0000 U $\mu\text{g/L}$
Toluene	10.0000 U $\mu\text{g/L}$
1,1,1-Trichloroethane	10.0000 U $\mu\text{g/L}$
1,1,2-Trichloroethane	10.0000 U $\mu\text{g/L}$
Trichloroethene	10.0000 U $\mu\text{g/L}$
Vinyl Chloride	10.0000 U $\mu\text{g/L}$
Xylene (total)	10.0000 U $\mu\text{g/L}$

4B-0417 TL01 TCL Volatiles

Acetone	23.0000 UJ $\mu\text{g/L}$
Benzene	10.0000 U $\mu\text{g/L}$
Bromodichloromethane	10.0000 U $\mu\text{g/L}$
Bromoform	10.0000 U $\mu\text{g/L}$
Bromomethane	10.0000 U $\mu\text{g/L}$
2-Butanone	10.0000 U $\mu\text{g/L}$
Carbon Disulfide	10.0000 U $\mu\text{g/L}$
Carbon Tetrachloride	10.0000 U $\mu\text{g/L}$
Chlorobenzene	10.0000 U $\mu\text{g/L}$

* See Attachment B-2 for definitions of the qualifiers.

025200

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Chloroethane	10.0000 U µg/L
	Chloroform	10.0000 U µg/L
	Chloromethane	10.0000 U µg/L
	Dibromochloromethane	10.0000 U µg/L
	1,1-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethane	10.0000 U µg/L
	1,2-Dichloroethene (total)	10.0000 U µg/L
	1,1-Dichloroethene	10.0000 U µg/L
	1,2-Dichloropropane	10.0000 U µg/L
	cis-1,3-Dichloropropene	10.0000 U µg/L
	trans-1,3-Dichloropropene	10.0000 U µg/L
	Ethylbenzene	10.0000 U µg/L
	2-Hexanone	10.0000 U µg/L
	4-Methyl-2-Pentanone	10.0000 U µg/L
	Methylene Chloride	10.0000 U µg/L
	Styrene	10.0000 U µg/L
	1,1,2,2-Tetrachloroethane	10.0000 U µg/L
	Tetrachloroethene	10.0000 U µg/L
	Toluene	10.0000 U µg/L
	1,1,1-Trichloroethane	10.0000 U µg/L
	1,1,2-Trichloroethane	10.0000 U µg/L
	Trichloroethene	10.0000 U µg/L
	Vinyl Chloride	10.0000 U µg/L
	Xylene (total)	10.0000 U µg/L

4D-0313 TL01 TCL Volatiles

Acetone	1.0000 U µg/L
Benzene	10.0000 U µg/L
Bromodichloromethane	10.0000 U µg/L
Bromoform	10.0000 U µg/L
Bromomethane	10.0000 U µg/L
2-Butanone	10.0000 U µg/L
Carbon Disulfide	10.0000 U µg/L
Carbon Tetrachloride	10.0000 U µg/L
Chlorobenzene	10.0000 U µg/L
Chloroethane	10.0000 U µg/L
Chloroform	10.0000 U µg/L
Chloromethane	10.0000 U µg/L
Dibromochloromethane	10.0000 U µg/L
1,1-Dichloroethane	10.0000 U µg/L
1,2-Dichloroethane	10.0000 U µg/L
1,2-Dichloroethene (total)	10.0000 U µg/L
1,1-Dichloroethene	10.0000 U µg/L
1,2-Dichloropropane	10.0000 U µg/L
cis-1,3-Dichloropropene	10.0000 U µg/L
trans-1,3-Dichloropropene	10.0000 U µg/L
Ethylbenzene	10.0000 U µg/L
2-Hexanone	10.0000 U µg/L
4-Methyl-2-Pentanone	10.0000 U µg/L
Methylene Chloride	10.0000 U µg/L
Styrene	10.0000 U µg/L
1,1,2,2-Tetrachloroethane	10.0000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result	Qualifier*
	Tetrachloroethene	10.0000	U µg/L
	Toluene	10.0000	U µg/L
	1,1,1-Trichloroethane	10.0000	U µg/L
	1,1,2-Trichloroethane	10.0000	U µg/L
	Trichloroethene	10.0000	U µg/L
	Vinyl Chloride	10.0000	U µg/L
	Xylene (total)	10.0000	U µg/L

4D-0413 TL01 TCL Volatiles

Acetone	10.0000	U µg/L
Benzene	10.0000	U µg/L
Bromodichloromethane	10.0000	U µg/L
Bromoform	10.0000	U µg/L
Bromomethane	10.0000	U µg/L
2-Butanone	10.0000	U µg/L
Carbon Disulfide	10.0000	U µg/L
Carbon Tetrachloride	10.0000	U µg/L
Chlorobenzene	10.0000	U µg/L
Chloroethane	10.0000	U µg/L
Chloroform	10.0000	U µg/L
Chloromethane	10.0000	U µg/L
Dibromochloromethane	10.0000	U µg/L
1,1-Dichloroethane	10.0000	U µg/L
1,2-Dichloroethane	10.0000	U µg/L
1,2-Dichloroethane (total)	10.0000	U µg/L
1,1-Dichloroethene	10.0000	U µg/L
1,2-Dichloropropane	10.0000	U µg/L
cis-1,3-Dichloropropene	10.0000	U µg/L
trans-1,3-Dichloropropene	10.0000	U µg/L
Ethylbenzene	10.0000	U µg/L
2-Hexanone	10.0000	U µg/L
4-Methyl-2-Pentanone	10.0000	U µg/L
Methylene Chloride	10.0000	U µg/L
Styrene	10.0000	U µg/L
1,1,2,2-Tetrachloroethane	10.0000	U µg/L
Tetrachloroethene	10.0000	U µg/L
Toluene	10.0000	U µg/L
1,1,1-Trichloroethane	10.0000	U µg/L
1,1,2-Trichloroethane	10.0000	U µg/L
Trichloroethene	10.0000	U µg/L
Vinyl Chloride	10.0000	U µg/L
Xylene (total)	10.0000	U µg/L

4F-0116 TL01 TCL Volatiles

Acetone	10.0000	U µg/L
Benzene	10.0000	U µg/L
Bromodichloromethane	10.0000	U µg/L
Bromoform	10.0000	U µg/L
Bromomethane	10.0000	U µg/L
2-Butanone	10.0000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation QA/QC Sample Results

Location & Sample Number	Analysis/Parameter	Result & Qualifier*
	Carbon Disulfide	10.0000 U $\mu\text{g/L}$
	Carbon Tetrachloride	10.0000 U $\mu\text{g/L}$
	Chlorobenzene	10.0000 U $\mu\text{g/L}$
	Chloroethane	10.0000 U $\mu\text{g/L}$
	Chloroform	1.0000 J $\mu\text{g/L}$
	Chloromethane	10.0000 U $\mu\text{g/L}$
	Dibromochloromethane	10.0000 U $\mu\text{g/L}$
	1,1-Dichloroethane	10.0000 U $\mu\text{g/L}$
	1,2-Dichloroethane	10.0000 U $\mu\text{g/L}$
	1,2-Dichloroethene (total)	10.0000 U $\mu\text{g/L}$
	1,1-Dichloroethene	10.0000 U $\mu\text{g/L}$
	1,2-Dichloropropane	10.0000 U $\mu\text{g/L}$
	cis-1,3-Dichloropropene	10.0000 U $\mu\text{g/L}$
	trans-1,3-Dichloropropene	10.0000 U $\mu\text{g/L}$
	Ethylbenzene	10.0000 U $\mu\text{g/L}$
	2-Hexanone	10.0000 U $\mu\text{g/L}$
	4-Methyl-2-Pentanone	10.0000 U $\mu\text{g/L}$
	Methylene Chloride	2.0000 J $\mu\text{g/L}$
	Styrene	10.0000 U $\mu\text{g/L}$
	1,1,2,2-Tetrachloroethane	10.0000 U $\mu\text{g/L}$
	Tetrachloroethene	10.0000 U $\mu\text{g/L}$
	Toluene	10.0000 U $\mu\text{g/L}$
	1,1,1-Trichloroethane	10.0000 U $\mu\text{g/L}$
	1,1,2-Trichloroethane	10.0000 U $\mu\text{g/L}$
	Trichloroethene	10.0000 U $\mu\text{g/L}$
	Vinyl Chloride	10.0000 U $\mu\text{g/L}$
	Xylene (total)	10.0000 U $\mu\text{g/L}$

* See Attachment B-2 for definitions of the qualifiers.

025203

025203

025204

Appendix C-1
Remedial Investigation Analytical Results Database
Storm Sewer Water and Sediment

025204

Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier
1A-P002 DL01 TAL Total Inorganics			
	Aluminum	3,360.00000	J mg/kg
	Antimony	5.90000	mg/kg
	Arsenic	17.60000	mg/kg
	Barium	55.00000	mg/kg
	Beryllium	0.35000	mg/kg
	Cadmium	0.71000	mg/kg
	Calcium	326,000.00000	mg/kg
	Chromium	75.20000	mg/kg
	Cobalt	4.20000	mg/kg
	Copper	61.80000	mg/kg
	Iron	11,700.00000	mg/kg
	Lead	523.00000	Jv mg/kg
	Magnesium	2,990.00000	mg/kg
	Manganese	814.00000	mg/kg
	Mercury	0.11000	U mg/kg
	Nickel	15.20000	mg/kg
	Potassium	771.00000	mg/kg
	Selenium	1.10000	U mg/kg
	Silver	0.65000	U mg/kg
	Sodium	950.00000	J mg/kg
	Thallium	1.50000	U mg/kg
	Vanadium	14.70000	mg/kg
	Zinc	141.00000	mg/kg
TCL Volatiles			
	Acetone	0.04000	UJ mg/kg
	Benzene	0.01100	U mg/kg
	Bromodichloromethane	0.01100	U mg/kg
	Bromoform	0.01100	U mg/kg
	Bromomethane	0.01100	U mg/kg
	2-Butanone	0.00900	J mg/kg
	Carbon Disulfide	0.01100	U mg/kg
	Carbon Tetrachloride	0.01100	U mg/kg
	Chlorobenzene	0.01100	U mg/kg
	Chloroethane	0.01100	U mg/kg
	Chloroform	0.01100	U mg/kg
	Chloromethane	0.01100	U mg/kg
	Dibromochloromethane	0.01100	U mg/kg
	1,1-Dichloroethane	0.01100	U mg/kg
	1,2-Dichloroethane	0.01100	U mg/kg
	1,2-Dichloroethene (total)	0.01100	U mg/kg
	1,1-Dichloroethene	0.01100	U mg/kg
	1,2-Dichloropropane	0.01100	U mg/kg
	cis-1,3-Dichloropropene	0.01100	U mg/kg
	trans-1,3-Dichloropropene	0.01100	U mg/kg
	Ethylbenzene	0.01100	U mg/kg
	2-Hexanone	0.01100	U mg/kg
	4-Methyl-2-Pentanone	0.01100	U mg/kg
	Methylene Chloride	0.00600	J mg/kg
	Styrene	0.01100	U mg/kg
	1,1,2,2-Tetrachloroethane	0.01100	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

025205

025205

Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Tetrachloroethene	0.00100	J mg/kg
	Toluene	0.00300	J mg/kg
	1,1,1-Trichloroethane	0.01100	U mg/kg
	1,1,2-Trichloroethane	0.01100	U mg/kg
	Trichloroethene	0.01100	U mg/kg
	Vinyl Chloride	0.01100	U mg/kg
	Xylene (total)	0.01100	U mg/kg

1A-P002 DL01 TCL Semi-Volatiles

Acenaphthene	0.37000	U	mg/kg
Acenaphthylene	0.37000	U	mg/kg
Anthracene	0.37000	U	mg/kg
Benzo (a) anthracene	0.05400	J	mg/kg
Benzo (a) pyrene	0.07200	J	mg/kg
Benzo (b) fluoranthene	0.10000	J	mg/kg
Benzo (g, h, i) perylene	0.07400	J	mg/kg
Benzo (k) fluoranthene	0.07800	U	mg/kg
bis (2-Chloroethoxy) Methane	0.37000	U	mg/kg
bis (2-Chloroethyl) Ether	0.37000	U	mg/kg
bis (2-Ethylhexyl) phthalate	0.82000	J	mg/kg
4-Bromophenyl-phenylether	0.37000	U	mg/kg
Butylbenzylphthalate	2.00000	J	mg/kg
Carbazole	0.37000	U	mg/kg
4-Chloro-3-Methylphenol	0.37000	U	mg/kg
4-Chloroaniline	0.37000	U	mg/kg
2-Chloronaphthalene	0.37000	U	mg/kg
2-Chlorophenol	0.37000	U	mg/kg
4-Chlorophenyl-phenylether	0.37000	U	mg/kg
Chrysene	0.10000	J	mg/kg
Di-n-butylphthalate	0.37000	U	mg/kg
Di-n-octylphthalate	0.37000	UJv	mg/kg
Dibenz (a, h) anthracene	0.37000	UJv	mg/kg
Dibenzofuran	0.37000	U	mg/kg
1,2-Dichlorobenzene	0.37000	U	mg/kg
1,3-Dichlorobenzene	0.37000	U	mg/kg
1,4-Dichlorobenzene	0.37000	U	mg/kg
3,3'-Dichlorobenzidine	0.37000	UJv	mg/kg
2,4-Dichlorophenol	0.37000	U	mg/kg
Diethylphthalate	0.37000	U	mg/kg
2,4-Dimethylphenol	0.37000	U	mg/kg
Dimethylphthalate	0.24000	J	mg/kg
4,6-Dinitro-2-Methylphenol	0.90000	U	mg/kg
2,4-Dinitrophenol	0.90000	U	mg/kg
2,4-Dinitrotoluene	0.37000	U	mg/kg
2,6-Dinitrotoluene	0.37000	U	mg/kg
Fluoranthene	0.06000	J	mg/kg
Fluorene	0.37000	U	mg/kg
Hexachlorobenzene	0.37000	U	mg/kg
Hexachlorobutadiene	0.37000	U	mg/kg
Hexachlorocyclopentadiene	0.37000	U	mg/kg
Hexachloroethane	0.37000	U	mg/kg
Indeno (1,2,3-cd) pyrene	0.05700	J	mg/kg
Isoophorone	0.37000	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

025206

025206

**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylnaphthalene	0.37000 U	mg/kg
	2-Methylphenol	0.37000 U	mg/kg
	4-Methylphenol	0.37000 U	mg/kg
	Naphthalene	0.37000 U	mg/kg
	2-Nitroaniline	0.90000 U	mg/kg
	3-Nitroaniline	0.90000 U	mg/kg
	4-Nitroaniline	0.90000 U	mg/kg
	Nitrobenzene	0.90000 U	mg/kg
	2-Nitrophenol	0.37000 U	mg/kg
	4-Nitrophenol	0.37000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.90000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.37000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.37000 U	mg/kg
	Pentachlorophenol	0.37000 U	mg/kg
	Phenanthrene	0.90000 U	mg/kg
	Phenol	0.06000 J	mg/kg
	Pyrene	0.37000 U	mg/kg
	1,2,4-Trichlorobenzene	0.29000 J	mg/kg
	2,4,5-Trichlorophenol	0.37000 U	mg/kg
	2,4,6-Trichlorophenol	0.90000 U	mg/kg
		0.37000 U	mg/kg

1A-P002 DL01 TCL Pesticides

Aldrin	0.00190 U	mg/kg
Aroclor-1016	0.03800 U	mg/kg
Aroclor-1221	0.07600 U	mg/kg
Aroclor-1232	0.03800 U	mg/kg
Aroclor-1242	0.03800 U	mg/kg
Aroclor-1248	0.03800 U	mg/kg
Aroclor-1254	0.03800 U	mg/kg
Aroclor-1260	0.03800 U	mg/kg
gamma-BHC (Lindane)	0.03800 U	mg/kg
alpha-BHC	0.00190 U	mg/kg
beta-BHC	0.00190 U	mg/kg
delta-BHC	0.00190 U	mg/kg
alpha-Chlordane	0.00061 J	mg/kg
gamma-Chlordane	0.00085 J	mg/kg
4,4'-DDD	0.00380 U	mg/kg
4,4'-DDE	0.00380 U	mg/kg
4,4'-DDT	0.00057 J	mg/kg
Dieldrin	0.00230 J	mg/kg
Endosulfan I	0.00190 U	mg/kg
Endosulfan II	0.00380 U	mg/kg
Endosulfan sulfate	0.00380 U	mg/kg
Endrin	0.00380 U	mg/kg
Endrin aldehyde	0.00380 U	mg/kg
Endrin ketone	0.00380 U	mg/kg
Heptachlor	0.00057 J	mg/kg
Heptachlor epoxide	0.00033 J	mg/kg
Methoxychlor	0.00025 J	mg/kg
Toxaphene	0.01900 U	mg/kg
	0.19000 U	mg/kg

1A-P002 WL01 TAL Total Inorganics

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Aluminum	323.00000	UC µg/L
	Antimony	43.90000	— µg/L
	Arsenic	61.10000	— µg/L
	Barium	77.60000	— µg/L
	Beryllium	1.00000	U µg/L
	Cadmium	2.00000	U µg/L
	Calcium	109,000.00000	— µg/L
	Chromium	5.00000	U µg/L
	Cobalt	2.00000	U µg/L
	Copper	20.60000	UC µg/L
	Iron	356.00000	— µg/L
	Lead	32.70000	— µg/L
	Magnesium	2,520.00000	— µg/L
	Manganese	91.10000	— µg/L
	Mercury	0.20000	U µg/L
	Nickel	10.00000	U µg/L
	Potassium	3,090.00000	— µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	15,200.00000	— µg/L
	Thallium	9.10000	U µg/L
	Vanadium	2.20000	— µg/L
	Zinc	57.00000	— µg/L

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1A-P002 WL01 TAL Dissolved Inorganics

Aluminum	25.00000	U	µg/L
Antimony	43.50000	—	µg/L
Arsenic	37.30000	—	µg/L
Barium	59.50000	—	µg/L
Beryllium	1.00000	U	µg/L
Cadmium	2.00000	U	µg/L
Calcium	91,600.00000	—	µg/L
Chromium	5.00000	U	µg/L
Cobalt	2.00000	U	µg/L
Copper	3.80000	UC	µg/L
Iron	60.00000	U	µg/L
Lead	3.00000	U	µg/L
Magnesium	2,220.00000	—	µg/L
Manganese	45.20000	—	µg/L
Mercury	0.20000	UC	µg/L
Nickel	10.00000	U	µg/L
Potassium	2,930.00000	—	µg/L
Selenium	5.00000	U	µg/L
Silver	3.00000	U	µg/L
Sodium	15,100.00000	—	µg/L
Thallium	7.00000	U	µg/L
Vanadium	2.00000	U	µg/L
Zinc	4.00000	U	µg/L

TCL Volatiles

Acetone	10.00000	U	µg/L
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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Benzene	10.00000 U µg/L
	Bromodichloromethane	10.00000 U µg/L
	Bromoform	10.00000 U µg/L
	Bromomethane	10.00000 U µg/L
	2-Butanone	10.00000 U µg/L
	Carbon Disulfide	10.00000 U µg/L
	Carbon Tetrachloride	10.00000 U µg/L
	Chlorobenzene	10.00000 U µg/L
	Chloroethane	10.00000 U µg/L
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
1A-P002 WL01	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo(a)anthracene	10.00000 U µg/L
	Benzo(a)pyrene	10.00000 U µg/L
	Benzo(b)fluoranthene	10.00000 U µg/L
	Benzo(g,h,i)perylene	10.00000 U µg/L
	Benzo(k)fluoranthene	10.00000 U µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U µg/L
	bis(2-Chloroethyl)Ether	10.00000 U µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	1.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz(a,h)anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	2.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
1A-P002 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1254	1.00000 U	µg/l
	Aroclor-1260	1.00000 UJv	µg/l
	gamma-BHC (Lindane)	0.05000 U	µg/l
	alpha-BHC	0.05000 U	µg/l
	beta-BHC	0.01100 J	µg/l
	delta-BHC	0.05000 U	µg/l
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.03900 Jv	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 Jv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
1A-P002 WL01	Wet Chemistry		
	TOC	6,320.00000	µg/L
	TDS	282,000.00000	µg/L
	TSS	12,000.00000	µg/L
1F-P001 WL01	TAL Total Inorganics		
	Aluminum	17,100.00000	µg/L
	Antimony	17.40000	µg/L
	Arsenic	9.70000	µg/L
	Barium	282.00000	µg/L
	Beryllium	1.50000	µg/L
	Cadmium	4.40000	µg/L
	Calcium	151,000.00000	µg/L
	Chromium	39.20000	µg/L
	Cobalt	7.80000	µg/L
	Copper	181.00000	µg/L
	Iron	18,300.00000	µg/L
	Lead	410.00000	µg/L
	Magnesium	5,240.00000	µg/L
	Manganese	528.00000	µg/L
	Mercury	0.29000	µg/L
	Nickel	35.50000	µg/L
	Potassium	12,500.00000	µg/L
	Selenium	3.80000	µg/L
	Silver	1.00000 U	µg/L
	Sodium	15,900.00000	µg/L
	Thallium	3.00000 U	µg/L
	Vanadium	50.80000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result	Qualifier*
	Zinc	785.00000	µg/L
1F-P001 WL01	TAL Dissolved Inorganics		
	Aluminum	87.70000	UC µg/L
	Antimony	9.20000	µg/L
	Arsenic	3.00000	U µg/L
	Barium	64.10000	µg/L
	Beryllium	1.00000	U µg/L
	Cadmium	1.00000	U µg/L
	Calcium	61,300.00000	µg/L
	Chromium	2.60000	µg/L
	Cobalt	1.00000	U µg/L
	Copper	37.10000	µg/L
	Iron	7.00000	U µg/L
	Lead	4.90000	UC µg/L
	Magnesium	2,180.00000	µg/L
	Manganese	18.10000	µg/L
	Mercury	0.20000	U µg/L
	Nickel	5.90000	µg/L
	Potassium	9,360.00000	µg/L
	Selenium	3.90000	µg/L
	Silver	1.00000	U µg/L
	Sodium	15,200.00000	µg/L
	Thallium	3.00000	U µg/L
	Vanadium	2.50000	µg/L
	Zinc	23.20000	µg/L
	TCL Volatiles		
	Acetone	22.00000	µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	4.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
1F-P001 WL01	TCL Semi-Volatiles		
	Acenaphthene	100.00000	U µg/L
	Acenaphthylene	100.00000	U µg/L
	Anthracene	100.00000	U µg/L
	Benzo (a) anthracene	100.00000	U µg/L
	Benzo (a) pyrene	100.00000	U µg/L
	Benzo (b) fluoanthene	100.00000	U µg/L
	Benzo (g, h, i) perylene	100.00000	U µg/L
	Benzo (k) fluoanthene	100.00000	U µg/L
	bis (2-Chloroethoxy) Methane	100.00000	U µg/L
	bis (2-Chloroethyl) Ether	100.00000	U µg/L
	bis (2-Ethylhexyl) phthalate	100.00000	U µg/L
	4-Bromophenyl-phenylether	43.00000	J µg/L
	Butylbenzylphthalate	100.00000	U µg/L
	Carbazole	100.00000	U µg/L
	4-Chloro-3-Methylphenol	100.00000	U µg/L
	4-Chloroaniline	100.00000	U µg/L
	2-Chloronaphthalene	100.00000	U µg/L
	2-Chlorophenol	100.00000	U µg/L
	4-Chlorophenyl-phenylether	100.00000	U µg/L
	Chrysene	100.00000	U µg/L
	Di-n-butylphthalate	100.00000	U µg/L
	Di-n-octylphthalate	7.00000	J µg/L
	Dibenz (a, h) anthracene	100.00000	U µg/L
	Dibenzofuran	100.00000	U µg/L
	1,2-Dichlorobenzene	100.00000	U µg/L
	1,3-Dichlorobenzene	100.00000	U µg/L
	1,4-Dichlorobenzene	100.00000	U µg/L
	3,3'-Dichlorobenzidine	100.00000	U µg/L
	2,4-Dichlorophenol	100.00000	U µg/L
	Diethylphthalate	100.00000	U µg/L
	2,4-Dimethylphenol	100.00000	U µg/L
	Dimethylphthalate	100.00000	U µg/L
	4,6-Dinitro-2-Methylphenol	100.00000	U µg/L
	2,4-Dinitrophenol	250.00000	U µg/L
	2,4-Dinitrotoluene	250.00000	U µg/L
	2,6-Dinitrotoluene	100.00000	U µg/L
	Fluoranthene	100.00000	U µg/L
	Fluorene	7.00000	J µg/L
	Hexachlorobenzene	100.00000	U µg/L
	Hexachlorobutadiene	100.00000	U µg/L
	Hexachlorocyclopentadiene	100.00000	U µg/L
	Hexachloroethane	100.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Indeno (1,2,3-cd)pyrene	100.00000 U	µg/L
	Isophorone	100.00000 U	µg/L
	2-Methylnaphthalene	100.00000 U	µg/L
	2-Methylphenol	100.00000 U	µg/L
	4-Methylphenol	100.00000 U	µg/L
	Naphthalene	100.00000 U	µg/L
	2-Nitroaniline	250.00000 U	µg/L
	3-Nitroaniline	250.00000 U	µg/L
	4-Nitroaniline	250.00000 U	µg/L
	Nitrobenzene	100.00000 U	µg/L
	2-Nitrophenol	100.00000 U	µg/L
	4-Nitrophenol	250.00000 U	µg/L
	N-Nitroso-di-n-propylamine	100.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	100.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	100.00000 U	µg/L
	Pentachlorophenol	250.00000 U	µg/L
	Phenanthrene	6.00000 J	µg/L
	Phenol	100.00000 U	µg/L
	Pyrene	8.00000 Jv	µg/L
	1,2,4-Trichlorobenzene	100.00000 U	µg/L
	2,4,5-Trichlorophenol	250.00000 U	µg/L
	2,4,6-Trichlorophenol	100.00000 U	µg/L

1F-P001 WL01 TCL Pesticides

Aldrin	0.10000 UJv	µg/L
Aroclor-1016	2.00000 U	µg/L
Aroclor-1221	4.00000 U	µg/L
Aroclor-1232	2.00000 U	µg/L
Aroclor-1242	2.00000 U	µg/L
Aroclor-1248	2.00000 U	µg/L
Aroclor-1254	2.00000 UJv	µg/L
Aroclor-1260	2.00000 UJv	µg/L
gamma-BHC (Lindane)	0.10000 U	µg/L
alpha-BHC	0.00990 J	µg/L
beta-BHC	0.10000 U	µg/L
delta-BHC	0.10000 U	µg/L
alpha-Chlordane	0.01800 Jv	µg/L
gamma-Chlordane	0.01700 Jv	µg/L
4,4'-DDD	0.20000 UJv	µg/L
4,4'-DDE	0.04900 Jv	µg/L
4,4'-DDT	0.10000 UJv	µg/L
Dieldrin	0.01900 Jv	µg/L
Endosulfan I	0.01900 Jv	µg/L
Endosulfan II	0.20000 UJv	µg/L
Endosulfan sulfate	0.20000 UJv	µg/L
Endrin	0.20000 UJv	µg/L
Endrin aldehyde	0.20000 UJv	µg/L
Endrin ketone	0.02200 Jv	µg/L
Heptachlor	0.10000 UJv	µg/L
Heptachlor epoxide	0.10000 UJv	µg/L
Methoxychlor	1.00000 UJv	µg/L
Toxaphene	10.00000 UJv	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
1F-P001 WL01	Wet Chemistry		
	TOC	48,600.00000	µg/L
	TDS	350,000.00000	µg/L
	TSS	585,000.00000	µg/L
4A-P001 DL01	TAL Total Inorganics		
	Aluminum	11,100.00000	mg/kg
	Antimony	3.60000	mg/kg
	Arsenic	6.20000	mg/kg
	Barium	119.00000	mg/kg
	Beryllium	0.94000	mg/kg
	Cadmium	0.66000 U	mg/kg
	Calcium	57,600.00000	mg/kg
	Chromium	22.20000	mg/kg
	Cobalt	6.20000	mg/kg
	Copper	78.90000	mg/kg
	Iron	15,700.00000	mg/kg
	Lead	211.00000 Jv	mg/kg
	Magnesium	2,540.00000	mg/kg
	Manganese	448.00000 Jv	mg/kg
	Mercury	0.16000 U	mg/kg
	Nickel	18.90000	mg/kg
	Potassium	2,450.00000	mg/kg
	Selenium	1.60000 U	mg/kg
	Silver	0.99000 U	mg/kg
	Sodium	1,020.00000 J	mg/kg
	Thallium	2.30000 U	mg/kg
	Vanadium	30.10000	mg/kg
	Zinc	168.00000	mg/kg
	TCL Volatiles		
	Acetone	0.01700 U	mg/kg
	Benzene	0.01700 U	mg/kg
	Bromodichloromethane	0.01700 U	mg/kg
	Bromoform	0.01700 U	mg/kg
	Bromomethane	0.01700 U	mg/kg
	2-Butanone	0.01700 U	mg/kg
	Carbon Disulfide	0.01700 U	mg/kg
	Carbon Tetrachloride	0.01700 U	mg/kg
	Chlorobenzene	0.01700 U	mg/kg
	Chloroethane	0.01700 U	mg/kg
	Chloroform	0.01700 U	mg/kg
	Chloromethane	0.01700 U	mg/kg
	Dibromochloromethane	0.01700 U	mg/kg
	1,1-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethene (total)	0.01700 U	mg/kg
	1,1-Dichloroethene	0.01700 U	mg/kg
	1,2-Dichloropropane	0.01700 U	mg/kg
	cis-1,3-Dichloropropene	0.01700 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	trans-1,3-Dichloropropene	0.01700 U mg/kg
	Ethylbenzene	0.01700 U mg/kg
	2-Hexanone	0.01700 U mg/kg
	4-Methyl-2-Pentanone	0.01700 U mg/kg
	Methylene Chloride	0.01700 U mg/kg
	Styrene	0.01700 U mg/kg
	1,1,2,2-Tetrachloroethane	0.01700 U mg/kg
	Tetrachloroethene	0.01700 U mg/kg
	Toluene	0.01700 U mg/kg
	1,1,1-Trichloroethane	0.01700 U mg/kg
	1,1,2-Trichloroethane	0.01700 U mg/kg
	Trichloroethene	0.01700 U mg/kg
	Vinyl Chloride	0.01700 U mg/kg
	Xylene (total)	0.01700 U mg/kg

4A-P001 DL01 TCL Semi-Volatiles

Acenaphthene	0.03700 U	mg/kg
Acenaphthylene	0.57000 U	mg/kg
Anthracene	0.07500 U	mg/kg
Benzo (a) anthracene	0.52000 U	mg/kg
Benzo (a) pyrene	0.48000 U	mg/kg
Benzo (b) fluoranthene	0.88000 U	mg/kg
Benzo (g, h, i) perylene	0.65000 U	mg/kg
Benzo (k) fluoranthene	0.39000 U	mg/kg
bis (2-Chloroethoxy) Methane	0.57000 U	mg/kg
bis (2-Chloroethyl) Ether	0.57000 U	mg/kg
bis (2-Ethylhexyl) phthalate	1.00000 U	mg/kg
4-Bromophenyl-phenylether	0.57000 U	mg/kg
Butylbenzylphthalate	0.20000 U	mg/kg
Carbazole	0.57000 U	mg/kg
4-Chloro-3-Methylphenol	0.57000 U	mg/kg
4-Chloroaniline	0.57000 U	mg/kg
2-Chloronaphthalene	0.57000 U	mg/kg
2-Chlorophenol	0.57000 U	mg/kg
4-Chlorophenyl-phenylether	0.57000 U	mg/kg
Chrysene	0.66000 U	mg/kg
Di-n-butylphthalate	0.19000 U	mg/kg
Di-n-octylphthalate	0.57000 UUV	mg/kg
Dibenz (a, h) anthracene	0.57000 UUV	mg/kg
Dibenzofuran	0.57000 U	mg/kg
1,2-Dichlorobenzene	0.57000 U	mg/kg
1,3-Dichlorobenzene	0.57000 U	mg/kg
1,4-Dichlorobenzene	0.57000 U	mg/kg
3,3'-Dichlorobenzidine	0.57000 UUV	mg/kg
2,4-Dichlorophenol	0.57000 U	mg/kg
Diethylphthalate	0.57000 U	mg/kg
2,4-Dimethylphenol	0.57000 U	mg/kg
Dimethylphthalate	0.57000 U	mg/kg
4,6-Dinitro-2-Methylphenol	1.40000 U	mg/kg
2,4-Dinitrophenol	1.40000 U	mg/kg
2,4-Dinitrotoluene	0.57000 U	mg/kg
2,6-Dinitrotoluene	0.57000 U	mg/kg
Fluoranthene	0.93000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Fluorene	0.57000 U	mg/kg
	Hexachlorobenzene	0.57000 U	mg/kg
	Hexachlorobutadiene	0.57000 U	mg/kg
	Hexachlorocyclopentadiene	0.57000 U	mg/kg
	Hexachloroethane	0.57000 U	mg/kg
	Indeno (1,2,3-cd)pyrene	0.54000 J	mg/kg
	Isophorone	0.57000 U	mg/kg
	2-Methylnaphthalene	0.57000 U	mg/kg
	2-Methylphenol	0.57000 U	mg/kg
	4-Methylphenol	0.57000 U	mg/kg
	Naphthalene	0.06700 J	mg/kg
	2-Nitroaniline	0.57000 U	mg/kg
	3-Nitroaniline	1.40000 U	mg/kg
	4-Nitroaniline	1.40000 U	mg/kg
	Nitrobenzene	0.57000 U	mg/kg
	2-Nitrophenol	0.57000 U	mg/kg
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.57000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.57000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.57000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	0.61000	mg/kg
	Phenol	0.57000 U	mg/kg
	Pyrene	2.20000 J	mg/kg
	1,2,4-Trichlorobenzene	0.57000 U	mg/kg
	2,4,5-Trichlorophenol	1.40000 U	mg/kg
	2,4,6-Trichlorophenol	0.57000 U	mg/kg
4A-P001 DL01	TCL Pesticides		
	Aldrin	0.00290 U	mg/kg
	Aroclor-1016	0.05700 U	mg/kg
	Aroclor-1221	0.12000 U	mg/kg
	Aroclor-1232	0.05700 U	mg/kg
	Aroclor-1242	0.05700 U	mg/kg
	Aroclor-1248	0.05700 U	mg/kg
	Aroclor-1254	0.05700 U	mg/kg
	Aroclor-1260	0.05700 U	mg/kg
	gamma-BHC (Lindane)	0.00290 U	mg/kg
	alpha-BHC	0.00290 U	mg/kg
	beta-BHC	0.00290 U	mg/kg
	delta-BHC	0.00290 U	mg/kg
	alpha-Chlordane	0.00160 J	mg/kg
	gamma-Chlordane	0.00140	mg/kg
	4,4'-DDD	0.00081 J	mg/kg
	4,4'-DDE	0.00120 J	mg/kg
	4,4'-DDT	0.00180 J	mg/kg
	Dieldrin	0.00100 J	mg/kg
	Endosulfan I	0.00290 U	mg/kg
	Endosulfan II	0.00570 U	mg/kg
	Endosulfan sulfate	0.00570 U	mg/kg
	Endrin	0.00570 U	mg/kg
	Endrin aldehyde	0.00570 U	mg/kg
	Endrin ketone	0.00570 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
4A-P001 DL01	Heptachlor	0.00290 U	mg/kg
	Heptachlor epoxide	0.00290 U	mg/kg
	Methoxychlor	0.02900 U	mg/kg
	Toxaphene	0.29000 U	mg/kg
TCLP Inorganics			
	Arsenic	0.00560 B	mg/L
	Barium	1.03000 U	mg/L
	Cadmium	0.00770 U	mg/L
	Chromium	0.00570 U	mg/L
	Lead	0.18700 U	mg/L
	Mercury	0.00020 U	mg/L
	Selenium	0.02700 UJ	mg/L
	Silver	0.00450 U	mg/L
TCLP Volatiles			
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L
	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
TCLP Semi-Volatiles			
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 UR	mg/L
	3-Methylphenol	0.18000 UR	mg/L
	4-Methylphenol	0.18000 UR	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 UR	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 UR	mg/L
	2,4,6-Trichlorophenol	0.12000 UR	mg/L
TCLP Pesticides			
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4A-P001 DL01	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
	Wet Chemistry		
	TOC	15,300.00000 _	mg/kg
4A-P001 WL01	TAL Total Inorganics		
	Aluminum	105,000.00000 _	µg/L
	Antimony	34.20000 J	µg/L
	Arsenic	105.00000 _	µg/L
	Barium	1,560.00000 _	µg/L
	Beryllium	10.00000 _	µg/L
	Cadmium	13.30000 _	µg/L
	Calcium	674,000.00000 _	µg/L
	Chromium	167.00000 _	µg/L
	Cobalt	60.30000 _	µg/L
	Copper	516.00000 _	µg/L
	Iron	120,000.00000 _	µg/L
	Lead	3,720.00000 _	µg/L
	Magnesium	30,800.00000 _	µg/L
	Manganese	4,820.00000 _	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	243.00000 _	µg/L
	Potassium	34,700.00000 _	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	28,000.00000 _	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	283.00000 _	µg/L
	Zinc	2,270.00000 _	µg/L
	TAL Dissolved Inorganics		
	Aluminum	42.10000 UC	µg/L
	Antimony	14.20000 UC	µg/L
	Arsenic	45.20000 UC	µg/L
	Barium	67.80000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	57,400.00000 _	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	5.60000 UC	µg/L
	Iron	60.00000 U	µg/L
	Lead	4.80000 J	µg/L
	Magnesium	4,850.00000 _	µg/L
	Manganese	121.00000 _	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	7,700.00000 _	µg/L
	Selenium	5.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Silver	3.00000 U	µg/L
	Sodium	33,000.00000 U	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.50000 U	µg/L
	Zinc	5.70000 U	µg/L
4A-P001 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	10.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	25.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	0.70000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	0.90000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
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4A-P001 WL01 TCL Pesticides

Aldrin	0.05000 U	µg/L
Aroclor-1016	1.00000 U	µg/L
Aroclor-1221	2.00000 U	µg/L
Aroclor-1232	1.00000 U	µg/L
Aroclor-1242	1.00000 U	µg/L
Aroclor-1248	1.00000 U	µg/L
Aroclor-1254	1.00000 U	µg/L
Aroclor-1260	1.00000 UJv	µg/L
gamma-BHC (Lindane)	0.05000 U	µg/L
alpha-BHC	0.05000 U	µg/L
beta-BHC	0.00620 J	µg/L
delta-BHC	0.05000 U	µg/L
alpha-Chlordane	0.05000 U	µg/L
gamma-Chlordane	0.05000 U	µg/L
4,4'-DDD	0.10000 UJv	µg/L
4,4'-DDE	0.10000 U	µg/L
4,4'-DDT	0.10000 UJv	µg/L
Dieldrin	0.10000 U	µg/L
Endosulfan I	0.05000 U	µg/L
Endosulfan II	0.10000 UJv	µg/L
Endosulfan sulfate	0.10000 UJv	µg/L
Endrin	0.10000 U	µg/L
Endrin aldehyde	0.10000 UJv	µg/L
Endrin ketone	0.10000 UJv	µg/L
Heptachlor	0.05000 U	µg/L
Heptachlor epoxide	0.05000 U	µg/L
Methoxychlor	0.50000 UJv	µg/L
Toxaphene	5.00000 UJv	µg/L

Wet Chemistry

TOC	7,880.00000	—	µg/L
TDS	360,000.00000	—	µg/L
TSS	62,000.00000	—	µg/L

4A-P002 DL01 TAL Total Inorganics

Aluminum	770.00000	J	mg/kg
Antimony	21.00000	Jv	mg/kg
Arsenic	7.80000	J	mg/kg
Barium	28.90000	Jv	mg/kg
Beryllium	0.33000	—	mg/kg
Cadmium	0.73000	—	mg/kg
Calcium	83,500.00000	—	mg/kg
Chromium	7.00000	—	mg/kg
Cobalt	4.40000	—	mg/kg
Copper	43.60000	Jv	mg/kg
Iron	13,400.00000	—	mg/kg
Lead	4,220.00000	J	mg/kg
Magnesium	765.00000	—	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Manganese	570.00000 Jv mg/kg
	Mercury	0.11000 U mg/kg
	Nickel	8.90000 U mg/kg
	Potassium	173.00000 U mg/kg
	Selenium	0.57000 U mg/kg
	Silver	0.19000 U mg/kg
	Sodium	179.00000 vJ mg/kg
	Thallium	0.57000 U mg/kg
	Vanadium	10.70000 J mg/kg
	Zinc	48.00000 Jv mg/kg

4A-P002 DL01 TCL Volatiles

Acetone	0.01200 U	mg/kg
Benzene	0.01200 U	mg/kg
Bromodichloromethane	0.01200 U	mg/kg
Bromoform	0.01200 U	mg/kg
Bromomethane	0.01200 U	mg/kg
2-Butanone	0.01200 U	mg/kg
Carbon Disulfide	0.01200 U	mg/kg
Carbon Tetrachloride	0.01200 U	mg/kg
Chlorobenzene	0.01200 U	mg/kg
Chloroethane	0.01200 U	mg/kg
Chloroform	0.01200 U	mg/kg
Chloromethane	0.01200 U	mg/kg
Dibromochloromethane	0.01200 U	mg/kg
1,1-Dichloroethane	0.01200 U	mg/kg
1,2-Dichloroethane	0.01200 U	mg/kg
1,2-Dichloroethene (total)	0.01200 U	mg/kg
1,1-Dichloroethene	0.01200 U	mg/kg
1,2-Dichloropropane	0.01200 U	mg/kg
cis-1,3-Dichloropropene	0.01200 U	mg/kg
trans-1,3-Dichloropropene	0.01200 U	mg/kg
Ethylbenzene	0.01200 U	mg/kg
2-Hexanone	0.01200 U	mg/kg
4-Methyl-2-Pentanone	0.01200 U	mg/kg
Methylene Chloride	0.01200 UJ	mg/kg
Styrene	0.01200 U	mg/kg
1,1,2,2-Tetrachloroethane	0.01200 U	mg/kg
Tetrachloroethene	0.01200 U	mg/kg
Toluene	0.01200 U	mg/kg
1,1,1-Trichloroethane	0.01200 U	mg/kg
1,1,2-Trichloroethane	0.01200 U	mg/kg
Trichloroethene	0.01200 U	mg/kg
Vinyl Chloride	0.01200 U	mg/kg
Xylene (total)	0.01200 U	mg/kg

TCL Semi-Volatiles

Acenaphthene	0.39000 U	mg/kg
Acenaphthylene	0.39000 U	mg/kg
Anthracene	0.39000 U	mg/kg
Benzo (a) anthracene	0.39000 U	mg/kg
Benzo (a) pyrene	0.02200 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Benzo(b) fluoranthene	0.03200 J	mg/kg
	Benzo(g,h,i) perylene	0.39000 U	mg/kg
	Benzo(k) fluoranthene	0.02400 J	mg/kg
	bis(2-Chloroethoxy) Methane	0.39000 U	mg/kg
	bis(2-Chloroethyl) Ether	0.39000 U	mg/kg
	bis(2-Ethylhexyl)-phthalate	0.39000 U	mg/kg
	4-Bromophenyl-phenylether	0.39000 U	mg/kg
	Butylbenzylphthalate	0.07100 J	mg/kg
	Carbazole	0.39000 U	mg/kg
	4-Chloro-3-Methylphenol	0.39000 U	mg/kg
	4-Chloroaniline	0.39000 U	mg/kg
	2-Chloronaphthalene	0.39000 U	mg/kg
	2-Chlorophenol	0.39000 U	mg/kg
	4-Chlorophenyl-phenylether	0.39000 U	mg/kg
	Chrysene	0.04000 J	mg/kg
	Di-n-butylphthalate	0.39000 U	mg/kg
	Di-n-octylphthalate	0.03200 J	mg/kg
	Dibenz(a,h) anthracene	0.39000 U	mg/kg
	Dibenzofuran	0.39000 U	mg/kg
	1,2-Dichlorobenzene	0.39000 U	mg/kg
	1,3-Dichlorobenzene	0.39000 U	mg/kg
	1,4-Dichlorobenzene	0.39000 U	mg/kg
	3,3'-Dichlorobenzidine	0.39000 U	mg/kg
	2,4-Dichlorophenol	0.39000 U	mg/kg
	Diethylphthalate	0.39000 U	mg/kg
	2,4-Dimethylphenol	0.39000 U	mg/kg
	Dimethylphthalate	0.39000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.98000 U	mg/kg
	2,4-Dinitrophenol	0.98000 U	mg/kg
	2,4-Dinitrotoluene	0.39000 U	mg/kg
	2,6-Dinitrotoluene	0.39000 U	mg/kg
	Fluoranthene	0.03600 J	mg/kg
	Fluorene	0.39000 U	mg/kg
	Hexachlorobenzene	0.39000 U	mg/kg
	Hexachlorobutadiene	0.39000 U	mg/kg
	Hexachlorocyclopentadiene	0.39000 U	mg/kg
	Hexachloroethane	0.39000 U	mg/kg
	Indeno(1,2,3-cd) pyrene	0.39000 U	mg/kg
	Isophorone	0.39000 U	mg/kg
	2-Methylnaphthalene	0.39000 U	mg/kg
	2-Methylphenol	0.39000 U	mg/kg
	4-Methylphenol	0.39000 U	mg/kg
	Naphthalene	0.39000 U	mg/kg
	2-Nitroaniline	0.98000 U	mg/kg
	3-Nitroaniline	0.98000 U	mg/kg
	4-Nitroaniline	0.98000 U	mg/kg
	Nitrobenzene	0.39000 U	mg/kg
	2-Nitrophenol	0.39000 U	mg/kg
	4-Nitrophenol	0.98000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.39000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.39000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.39000 U	mg/kg
	Pentachlorophenol	0.98000 U	mg/kg
	Phenanthrene	0.39000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

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Location & Sample Number	Parameter	Result & Qualifier*	
	Phenol	0.39000 U	mg/kg
	Pyrene	0.04300 J	mg/kg
	1,2,4-Trichlorobenzene	0.39000 U	mg/kg
	2,4,5-Trichlorophenol	0.98000 U	mg/kg
	2,4,6-Trichlorophenol	0.39000 U	mg/kg
4A-P002 DL01	TCL Pesticides		
	Aldrin	0.00200 U	mg/kg
	Aroclor-1016	0.03900 U	mg/kg
	Aroclor-1221	0.07900 U	mg/kg
	Aroclor-1232	0.03900 U	mg/kg
	Aroclor-1242	0.03900 U	mg/kg
	Aroclor-1248	0.03900 U	mg/kg
	Aroclor-1254	0.03900 U	mg/kg
	Aroclor-1260	0.03900 U	mg/kg
	gamma-BHC (Lindane)	0.00200 U	mg/kg
	alpha-BHC	0.00200 U	mg/kg
	beta-BHC	0.00200 U	mg/kg
	delta-BHC	0.00200 U	mg/kg
	alpha-Chlordane	0.00065 J	mg/kg
	gamma-Chlordane	0.00010 J	mg/kg
	4,4'-DDD	0.00047 J	mg/kg
	4,4'-DDE	0.00048 J	mg/kg
	4,4'-DDT	0.00110 J	mg/kg
	Dieldrin	0.00079 J	mg/kg
	Endosulfan I	0.00200 U	mg/kg
	Endosulfan II	0.00390 U	mg/kg
	Endosulfan sulfate	0.00390 U	mg/kg
	Endrin	0.00390 U	mg/kg
	Endrin aldehyde	0.00390 U	mg/kg
	Endrin ketone	0.00390 U	mg/kg
	Heptachlor	0.00200 U	mg/kg
	Heptachlor epoxide	0.00200 U	mg/kg
	Methoxychlor	0.02000 U	mg/kg
	Toxaphene	0.20000 U	mg/kg
	TCLP Inorganics		
	Arsenic	0.00350 U	mg/L
	Barium	0.82500 U	mg/L
	Cadmium	0.00064 B	mg/L
	Chromium	0.00220 U	mg/L
	Lead	0.01270 U	mg/L
	Mercury	0.00020 UCV	mg/L
	Selenium	0.00990 B*	mg/L
	Silver	0.00060 UJ	mg/L
	TCLP Volatiles		
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4A-P002 DL01	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
4A-P002 WL01	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 U	mg/L
	3-Methylphenol	0.18000 U	mg/L
	4-Methylphenol	0.18000 U	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 U	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 U	mg/L
	2,4,6-Trichlorophenol	0.12000 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
4A-P002 WL01	TAL Total Inorganics		
	Aluminum	1,630.00000	µg/L
	Antimony	4.30000	µg/L
	Arsenic	3.00000 U	µg/L
	Barium	110.00000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	1.00000 U	µg/L
	Calcium	218,000.00000	µg/L
	Chromium	4.10000	µg/L
	Cobalt	4.10000	µg/L
	Copper	7.00000	µg/L
	Iron	2,030.00000	µg/L
	Lead	41.10000	µg/L
	Magnesium	17,700.00000	µg/L
	Manganese	1,190.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	13.10000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Potassium	4,110.00000		µg/L
	Selenium	3.00000	U	µg/L
	Silver	1.00000	U	µg/L
	Sodium	146,000.00000		µg/L
	Thallium	3.00000	U	µg/L
	Vanadium	4.10000		µg/L
	Zinc	37.90000	-	µg/L

4A-P002 WL01 TAL Dissolved Inorganics

Aluminum	94.00000	UC	µg/L
Antimony	7.30000		µg/L
Arsenic	3.30000	-	µg/L
Barium	90.80000		µg/L
Beryllium	1.00000	U	µg/L
Cadmium	1.00000	U	µg/L
Calcium	212,000.00000		µg/L
Chromium	1.00000	U	µg/L
Cobalt	2.70000	-	µg/L
Copper	35.60000		µg/L
Iron	7.00000	U	µg/L
Lead	2.40000	UC	µg/L
Magnesium	17,700.00000	-	µg/L
Manganese	767.00000		µg/L
Mercury	0.20000		µg/L
Nickel	10.00000	-	µg/L
Potassium	3,840.00000		µg/L
Selenium	11.50000	-	µg/L
Silver	1.00000	U	µg/L
Sodium	150,000.00000		µg/L
Thallium	3.00000	U	µg/L
Vanadium	1.00000	U	µg/L
Zinc	2.80000	UC	µg/L

TCL Volatiles

Acetone	1.00000	J	µg/L
Benzene	10.00000	U	µg/L
Bromodichloromethane	10.00000	U	µg/L
Bromoform	10.00000	U	µg/L
Bromomethane	10.00000	U	µg/L
2-Butanone	10.00000	U	µg/L
Carbon Disulfide	10.00000	U	µg/L
Carbon Tetrachloride	10.00000	U	µg/L
Chlorobenzene	10.00000	U	µg/L
Chloroethane	10.00000	U	µg/L
Chloroform	10.00000	U	µg/L
Chloromethane	10.00000	U	µg/L
Dibromochloromethane	10.00000	U	µg/L
1,1-Dichloroethane	10.00000	U	µg/L
1,2-Dichloroethane	10.00000	U	µg/L
1,2-Dichloroethane (total)	10.00000	U	µg/L
1,1-Dichloroethene	10.00000	U	µg/L
1,2-Dichloropropane	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
	cis-1,3-Dichloropropene	10.00000 U $\mu\text{g/L}$
	trans-1,3-Dichloropropene	10.00000 U $\mu\text{g/L}$
	Ethylbenzene	10.00000 U $\mu\text{g/L}$
	2-Hexanone	10.00000 U $\mu\text{g/L}$
	4-Methyl-2-Pentanone	10.00000 U $\mu\text{g/L}$
	Methylene Chloride	10.00000 U $\mu\text{g/L}$
	Styrene	10.00000 U $\mu\text{g/L}$
	1,1,2,2-Tetrachloroethane	10.00000 U $\mu\text{g/L}$
	Tetrachloroethene	10.00000 U $\mu\text{g/L}$
	Toluene	10.00000 U $\mu\text{g/L}$
	1,1,1-Trichloroethane	10.00000 U $\mu\text{g/L}$
	1,1,2-Trichloroethane	10.00000 U $\mu\text{g/L}$
	Trichloroethene	10.00000 U $\mu\text{g/L}$
	Vinyl Chloride	10.00000 U $\mu\text{g/L}$
	Xylene (total)	10.00000 U $\mu\text{g/L}$

4A-P002 WL01 TCL Semi-Volatiles

Acenaphthene	10.00000 U $\mu\text{g/L}$
Acenaphthylene	10.00000 U $\mu\text{g/L}$
Anthracene	10.00000 U $\mu\text{g/L}$
Benzo (a) anthracene	10.00000 U $\mu\text{g/L}$
Benzo (a) pyrene	10.00000 U $\mu\text{g/L}$
Benzo (b) fluoranthene	10.00000 U $\mu\text{g/L}$
Benzo (g, h, i) perylene	10.00000 U $\mu\text{g/L}$
Benzo (k) fluoranthene	10.00000 U $\mu\text{g/L}$
bis (2-Chloroethoxy) Methane	10.00000 U $\mu\text{g/L}$
bis (2-Chloroethyl) Ether	10.00000 U $\mu\text{g/L}$
bis (2-Ethylhexyl) phthalate	1.00000 U $\mu\text{g/L}$
4-Bromophenyl-phenylether	10.00000 U $\mu\text{g/L}$
Butylbenzylphthalate	10.00000 U $\mu\text{g/L}$
Carbazole	10.00000 U $\mu\text{g/L}$
4-Chloro-3-Methylphenol	10.00000 U $\mu\text{g/L}$
4-Chloroaniline	10.00000 U $\mu\text{g/L}$
2-Chloronaphthalene	10.00000 U $\mu\text{g/L}$
2-Chlorophenol	10.00000 U $\mu\text{g/L}$
4-Chlorophenyl-phenylether	10.00000 U $\mu\text{g/L}$
Chrysene	10.00000 U $\mu\text{g/L}$
Di-n-butylphthalate	10.00000 U $\mu\text{g/L}$
Di-n-octylphthalate	10.00000 U $\mu\text{g/L}$
Dibenz (a, h) anthracene	10.00000 U $\mu\text{g/L}$
Dibenzofuran	10.00000 U $\mu\text{g/L}$
1,2-Dichlorobenzene	10.00000 U $\mu\text{g/L}$
1,3-Dichlorobenzene	10.00000 U $\mu\text{g/L}$
1,4-Dichlorobenzene	10.00000 U $\mu\text{g/L}$
3,3'-Dichlorobenzidine	10.00000 U $\mu\text{g/L}$
2,4-Dichlorophenol	10.00000 U $\mu\text{g/L}$
Diethylphthalate	10.00000 U $\mu\text{g/L}$
2,4-Dimethylphenol	10.00000 U $\mu\text{g/L}$
Dimethylphthalate	10.00000 U $\mu\text{g/L}$
4,6-Dinitro-2-Methylphenol	25.00000 U $\mu\text{g/L}$
2,4-Dinitrophenol	25.00000 U $\mu\text{g/L}$
2,4-Dinitrotoluene	10.00000 U $\mu\text{g/L}$
2,6-Dinitrotoluene	10.00000 U $\mu\text{g/L}$

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Fluoranthene	0.60000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
4A-P002 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

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Location & Sample Number	Parameter	Result & Qualifier*
	Endrin ketone	0.10000 U µg/L
	Heptachlor	0.05000 U µg/L
	Heptachlor epoxide	0.05000 U µg/L
	Methoxychlor	0.50000 U µg/L
	Toxaphene	5.00000 U µg/L

4A-P002 WL01 Wet Chemistry

TOC	11,500.00000	—	µg/L
TDS	1,120,000.00000	—	µg/L
TSS	28,000.00000	—	µg/L

4D-P001 DL01 TCLP Inorganics

Arsenic	0.00220 U	mg/L
Barium	1.30000 U	mg/L
Cadmium	0.01080 U	mg/L
Chromium	0.00570 U	mg/L
Lead	0.02440 U	mg/L
Mercury	0.00020 U	mg/L
Selenium	0.02700 U	mg/L
Silver	0.00450 U	mg/L

TCLP Volatiles

Benzene	0.05000 U	mg/L
2-Butanone	0.10000 U	mg/L
Carbon Tetrachloride	0.05000 U	mg/L
Chlorobenzene	0.05000 U	mg/L
Chloroform	0.02500 U	mg/L
1,2-Dichloroethane	0.02500 U	mg/L
1,1-Dichloroethene	0.02500 U	mg/L
Tetrachloroethene	0.05000 U	mg/L
Trichloroethene	0.02500 U	mg/L
Vinyl Chloride	0.05000 U	mg/L

TCLP Semi-Volatiles

1,4-Dichlorobenzene	0.05000 U	mg/L
2,4-Dinitrotoluene	0.05000 U	mg/L
Hexachlorobenzene	0.07500 U	mg/L
Hexachlorobutadiene	0.02500 U	mg/L
Hexachloroethane	0.05000 U	mg/L
2-Methylphenol	0.10000 U	mg/L
3-Methylphenol	0.18000 U	mg/L
4-Methylphenol	0.18000 U	mg/L
Nitrobenzene	0.05000 U	mg/L
Pentachlorophenol	0.28000 U	mg/L
Pyridine	0.10000 U	mg/L
2,4,5-Trichlorophenol	0.12000 U	mg/L
2,4,6-Trichlorophenol	0.12000 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4D-P001 DL01	TCLP Pesticides		
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
4D-P001 WL01	TAL Total Inorganics		
	Aluminum	419.00000	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	75.20000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	48,500.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	17.10000 UC	µg/L
	Iron	2,170.00000	µg/L
	Lead	10.20000	µg/L
	Magnesium	4,670.00000	µg/L
	Manganese	74.50000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	6,300.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	18,700.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	34.20000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	46.60000 UC	µg/L
	Antimony	10.00000 UC	µg/L
	Arsenic	38.80000	µg/L
	Barium	70.50000 J	µg/L
	Beryllium	1.00000 UC	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	48,400.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	9.90000 UC	µg/L
	Iron	645.00000	µg/L
	Lead	3.00000 UJ	µg/L
	Magnesium	4,650.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Manganese	69.30000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	7,070.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	20,300.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	8.70000	µg/L

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4D-P001 WL01 TCL Volatiles

Acetone	2.00000 J	µg/L
Benzene	10.00000 U	µg/L
Bromodichloromethane	1.00000 J	µg/L
Bromoform	10.00000 U	µg/L
Bromomethane	10.00000 U	µg/L
2-Butanone	10.00000 U	µg/L
Carbon Disulfide	10.00000 U	µg/L
Carbon Tetrachloride	10.00000 U	µg/L
Chlorobenzene	10.00000 U	µg/L
Chloroethane	10.00000 U	µg/L
Chloroform	10.00000 U	µg/L
Chloromethane	10.00000 U	µg/L
Dibromochloromethane	1.00000 J	µg/L
1,1-Dichloroethane	10.00000 U	µg/L
1,2-Dichloroethane	10.00000 U	µg/L
1,2-Dichloroethene (total)	10.00000 U	µg/L
1,1-Dichloroethene	10.00000 U	µg/L
1,2-Dichloropropane	10.00000 U	µg/L
cis-1,3-Dichloropropene	10.00000 U	µg/L
trans-1,3-Dichloropropene	10.00000 U	µg/L
Ethylbenzene	10.00000 U	µg/L
2-Hexanone	10.00000 U	µg/L
4-Methyl-2-Pentanone	10.00000 U	µg/L
Methylene Chloride	10.00000 U	µg/L
Styrene	10.00000 U	µg/L
1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
Tetrachloroethene	10.00000 U	µg/L
Toluene	10.00000 U	µg/L
1,1,1-Trichloroethane	10.00000 U	µg/L
1,1,2-Trichloroethane	10.00000 U	µg/L
Trichloroethene	10.00000 U	µg/L
Vinyl Chloride	10.00000 U	µg/L
Xylene (total)	10.00000 U	µg/L

TCL Semi-Volatiles

Acenaphthene	10.00000 U	µg/L
Acenaphthylene	10.00000 U	µg/L
Anthracene	10.00000 U	µg/L
Benzo(a)anthracene	10.00000 U	µg/L
Benzo(a)pyrene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Benzo(b) fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i) perylene	10.00000 U	µg/L
	Benzo(k) fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl) Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	10.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L

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4D-P001 WL01 TCL Pesticides

Aldrin	0.05000 U	µg/L
Aroclor-1016	1.00000 U	µg/L
Aroclor-1221	2.00000 U	µg/L
Aroclor-1232	1.00000 U	µg/L
Aroclor-1242	1.00000 U	µg/L
Aroclor-1248	1.00000 U	µg/L
Aroclor-1254	1.00000 U	µg/L
Aroclor-1260	1.00000 UJV	µg/L
gamma-BHC (Lindane)	0.05000 U	µg/L
alpha-BHC	0.05000 U	µg/L
beta-BHC	0.05000 U	µg/L
delta-BHC	0.05000 U	µg/L
alpha-Chlordane	0.05000 U	µg/L
gamma-Chlordane	0.05000 U	µg/L
4,4'-DDD	0.10000 UJV	µg/L
4,4'-DDE	0.10000 U	µg/L
4,4'-DDT	0.10000 UJV	µg/L
Dieldrin	0.10000 U	µg/L
Endosulfan I	0.05000 U	µg/L
Endosulfan II	0.10000 UJV	µg/L
Endosulfan sulfate	0.10000 U	µg/L
Endrin	0.10000 UJV	µg/L
Endrin aldehyde	0.10000 UJV	µg/L
Endrin ketone	0.10000 UJV	µg/L
Heptachlor	0.05000 U	µg/L
Heptachlor epoxide	0.05000 U	µg/L
Methoxychlor	0.50000 UJV	µg/L
Toxaphene	5.00000 UJV	µg/L

Wet Chemistry

TOC	6,470.00000	µg/L
TDS	228,000.00000	µg/L
TSS	32,000.00000	µg/L

4D-P002 DL01 TCLP Inorganics

Arsenic	0.00220 U	mg/L
Barium	0.20500 J	mg/L
Cadmium	0.00440 U	mg/L
Chromium	0.00570 U	mg/L
Lead	0.00300 J	mg/L
Mercury	0.00020 U	mg/L
Selenium	0.02700 U	mg/L
Silver	0.00450 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4D-P002 DL01 TCLP Volatiles			
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L
	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
TCLP Semi-Volatiles			
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 U	mg/L
	3-Methylphenol	0.18000 U	mg/L
	4-Methylphenol	0.18000 U	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 U	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 U	mg/L
	2,4,6-Trichlorophenol	0.12000 U	mg/L
TCLP Pesticides			
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
4D-P002 WL01 TAL Total Inorganics			
	Aluminum	827.00000	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	53.80000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	36,900.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Copper	20.70000	J µg/L
	Iron	1,830.00000	µg/L
	Lead	20.40000	µg/L
	Magnesium	4,160.00000	µg/L
	Manganese	59.30000	µg/L
	Mercury	0.20000	U µg/L
	Nickel	10.00000	U µg/L
	Potassium	4,950.00000	µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	18,500.00000	µg/L
	Thallium	7.00000	U µg/L
	Vanadium	3.40000	µg/L
	Zinc	86.80000	µg/L

4D-P002 WL01 TAL Dissolved Inorganics

Aluminum	42.50000	UC	µg/L
Antimony	9.00000	UC	µg/L
Arsenic	12.70000	—	µg/L
Barium	27.90000	J	µg/L
Beryllium	1.00000	UC	µg/L
Cadmium	2.00000	U	µg/L
Calcium	33,900.00000	—	µg/L
Chromium	5.00000	U	µg/L
Cobalt	2.00000	U	µg/L
Copper	9.40000	UC	µg/L
Iron	77.50000	—	µg/L
Lead	3.00000	U	µg/L
Magnesium	4,110.00000	—	µg/L
Manganese	25.50000	—	µg/L
Mercury	0.20000	U	µg/L
Nickel	10.00000	U	µg/L
Potassium	5,470.00000	—	µg/L
Selenium	5.00000	U	µg/L
Silver	3.00000	U	µg/L
Sodium	20,300.00000	—	µg/L
Thallium	7.00000	U	µg/L
Vanadium	2.00000	U	µg/L
Zinc	4.10000	—	µg/L

TCL Volatiles

Acetone	3.00000	J	µg/L
Benzene	10.00000	U	µg/L
Bromodichloromethane	4.00000	J	µg/L
Bromoform	10.00000	U	µg/L
Bromomethane	10.00000	U	µg/L
2-Butanone	10.00000	U	µg/L
Carbon Disulfide	10.00000	U	µg/L
Carbon Tetrachloride	10.00000	U	µg/L
Chlorobenzene	10.00000	U	µg/L
Chloroethane	10.00000	U	µg/L
Chloroform	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result	Qualifier*
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	3.00000	J µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L

4D-P002 WL01 TCL Semi-Volatiles

Acenaphthene	10.00000	U µg/L
Acenaphthylene	10.00000	U µg/L
Anthracene	10.00000	U µg/L
Benzo (a) anthracene	10.00000	U µg/L
Benzo (a) pyrene	10.00000	U µg/L
Benzo (b) fluoranthene	10.00000	U µg/L
Benzo (g, h, i) perylene	10.00000	U µg/L
Benzo (k) fluoranthene	10.00000	U µg/L
bis (2-Chloroethoxy) Methane	10.00000	U µg/L
bis (2-Chloroethyl) Ether	10.00000	U µg/L
bis (2-Ethylhexyl) phthalate	1.00000	J µg/L
4-Bromophenyl-phenylether	10.00000	U µg/L
Butylbenzylphthalate	10.00000	U µg/L
Carbazole	10.00000	U µg/L
4-Chloro-3-Methylphenol	10.00000	U µg/L
4-Chloroaniline	10.00000	U µg/L
2-Chloronaphthalene	10.00000	U µg/L
2-Chlorophenol	10.00000	U µg/L
4-Chlorophenyl-phenylether	10.00000	U µg/L
Chrysene	10.00000	U µg/L
Di-n-butylphthalate	10.00000	U µg/L
Di-n-octylphthalate	10.00000	U µg/L
Dibenz (a, h) anthracene	10.00000	U µg/L
Dibenzofuran	10.00000	U µg/L
1,2-Dichlorobenzene	10.00000	U µg/L
1,3-Dichlorobenzene	10.00000	U µg/L
1,4-Dichlorobenzene	10.00000	U µg/L
3,3'-Dichlorobenzidine	10.00000	U µg/L
2,4-Dichlorophenol	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Diethylphthalate	10.00000	U µg/L
	2,4-Dimethylphenol	10.00000	U µg/L
	Dimethylphthalate	10.00000	U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000	U µg/L
	2,4-Dinitrophenol	25.00000	U µg/L
	2,4-Dinitrotoluene	10.00000	U µg/L
	2,6-Dinitrotoluene	10.00000	U µg/L
	Fluoranthene	10.00000	U µg/L
	Fluorene	10.00000	U µg/L
	Hexachlorobenzene	10.00000	U µg/L
	Hexachlorobutadiene	10.00000	U µg/L
	Hexachlorocyclopentadiene	10.00000	U µg/L
	Hexachloroethane	10.00000	U µg/L
	Indeno (1,2,3-cd)pyrene	10.00000	U µg/L
	Isophorone	10.00000	U µg/L
	2-Methylnaphthalene	10.00000	U µg/L
	2-Methylphenol	10.00000	U µg/L
	4-Methylphenol	10.00000	U µg/L
	Naphthalene	10.00000	U µg/L
	2-Nitroaniline	25.00000	U µg/L
	3-Nitroaniline	25.00000	U µg/L
	4-Nitroaniline	25.00000	U µg/L
	Nitrobenzene	10.00000	U µg/L
	2-Nitrophenol	10.00000	U µg/L
	4-Nitrophenol	25.00000	U µg/L
	N-Nitroso-di-n-propylamine	10.00000	U µg/L
	N-Nitrosodiphenylamine (1)	10.00000	U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000	U µg/L
	Pentachlorophenol	25.00000	U µg/L
	Phenanthrene	10.00000	U µg/L
	Phenol	10.00000	U µg/L
	Pyrene	0.70000	J µg/L
	1,2,4-Trichlorobenzene	10.00000	U µg/L
	2,4,5-Trichlorophenol	25.00000	U µg/L
	2,4,6-Trichlorophenol	10.00000	U µg/L

4D-P002 WL01 TCL Pesticides

Aldrin	0.00630	J	µg/L
Aroclor-1016	1.00000	U	µg/L
Aroclor-1221	2.00000	U	µg/L
Aroclor-1232	1.00000	U	µg/L
Aroclor-1242	1.00000	U	µg/L
Aroclor-1248	1.00000	U	µg/L
Aroclor-1254	1.00000	U	µg/L
Aroclor-1260	1.00000	UJv	µg/L
gamma-BHC (Lindane)	0.05000	U	µg/L
alpha-BHC	0.05000	U	µg/L
beta-BHC	0.00820	J	µg/L
delta-BHC	0.05000	U	µg/L
alpha-Chlordane	0.05000	U	µg/L
gamma-Chlordane	0.05000	U	µg/L
4,4'-DDD	0.10000	UJv	µg/L
4,4'-DDE	0.10000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
4D-P002 WL01	Wet Chemistry		
	TOC	5,960.00000	µg/L
	TDS	224,000.00000	µg/L
	TSS	2,000.00000	µg/L
4D-P003 WL01	TAL Total Inorganics		
	Aluminum	516.00000	µg/L
	Antimony	38.60000 U	µg/L
	Arsenic	1.60000	µg/L
	Barium	25.10000	µg/L
	Beryllium	0.30000 U	µg/L
	Cadmium	3.40000 U	µg/L
	Calcium	21,100.00000	µg/L
	Chromium	3.60000 U	µg/L
	Cobalt	5.20000 U	µg/L
	Copper	6.20000 UC	µg/L
	Iron	508.00000	µg/L
	Lead	2.60000 UC	µg/L
	Magnesium	912.00000	µg/L
	Manganese	6.90000	µg/L
	Mercury	0.10000 U	µg/L
	Nickel	14.40000 U	µg/L
	Potassium	4,040.00000	µg/L
	Selenium	0.80000 U	µg/L
	Silver	9.00000 U	µg/L
	Sodium	913.00000	µg/L
	Thallium	0.70000 U	µg/L
	Vanadium	4.10000	µg/L
	Zinc	16.40000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	48.60000 UC	µg/L
	Antimony	38.60000 U	µg/L
	Arsenic	1.00000 U	µg/L
	Barium	20.70000	µg/L
	Beryllium	0.30000 U	µg/L
	Cadmium	3.40000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Calcium	20,400.00000	µg/L
	Chromium	3.60000 U	µg/L
	Cobalt	5.20000 U	µg/L
	Copper	8.90000 UC	µg/L
	Iron	46.70000	µg/L
	Lead	1.40000	µg/L
	Magnesium	827.00000	µg/L
	Manganese	1.90000	µg/L
	Mercury	0.10000 U	µg/L
	Nickel	16.70000	µg/L
	Potassium	4,070.00000	µg/L
	Selenium	0.80000 U	µg/L
	Silver	9.00000 U	µg/L
	Sodium	938.00000	µg/L
	Thallium	0.70000 U	µg/L
	Vanadium	3.10000	µg/L
	Zinc	5.40000	µg/L

4D-P003 WL01 TCL Volatiles

Acetone	10.00000 U	µg/L
Benzene	10.00000 U	µg/L
Bromodichloromethane	10.00000 U	µg/L
Bromoform	10.00000 U	µg/L
Bromomethane	10.00000 U	µg/L
2-Butanone	10.00000 U	µg/L
Carbon Disulfide	10.00000 U	µg/L
Carbon Tetrachloride	10.00000 U	µg/L
Chlorobenzene	10.00000 U	µg/L
Chloroethane	10.00000 U	µg/L
Chloroform	10.00000 U	µg/L
Chloromethane	10.00000 U	µg/L
Dibromochloromethane	10.00000 U	µg/L
1,1-Dichloroethane	10.00000 U	µg/L
1,2-Dichloroethane	10.00000 U	µg/L
1,2-Dichloroethene (total)	10.00000 U	µg/L
1,1-Dichloroethene	10.00000 U	µg/L
1,2-Dichloropropane	10.00000 U	µg/L
cis-1,3-Dichloropropene	10.00000 U	µg/L
trans-1,3-Dichloropropene	10.00000 U	µg/L
Ethylbenzene	10.00000 U	µg/L
2-Hexanone	10.00000 U	µg/L
4-Methyl-2-Pentanone	10.00000 U	µg/L
Methylene Chloride	13.00000 B	µg/L
Styrene	10.00000 U	µg/L
1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
Tetrachloroethene	10.00000 U	µg/L
Toluene	10.00000 U	µg/L
1,1,1-Trichloroethane	10.00000 U	µg/L
1,1,2-Trichloroethane	10.00000 U	µg/L
Trichloroethene	10.00000 U	µg/L
Vinyl Chloride	10.00000 U	µg/L
Xylene (total)	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
4D-P003 WL01	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy)Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	10.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	25.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L

4D-P003 WL01 TCL Pesticides

Aldrin	0.05000 U	µg/L
Aroclor-1016	1.00000 U	µg/L
Aroclor-1221	2.00000 U	µg/L
Aroclor-1232	1.00000 U	µg/L
Aroclor-1242	1.00000 U	µg/L
Aroclor-1248	1.00000 U	µg/L
Aroclor-1254	1.00000 U	µg/L
Aroclor-1260	1.00000 U	µg/L
gamma-BHC (Lindane)	0.05000 U	µg/L
alpha-BHC	0.05000 U	µg/L
beta-BHC	0.05000 U	µg/L
delta-BHC	0.05000 U	µg/L
alpha-Chlordane	0.05000 U	µg/L
gamma-Chlordane	0.05000 U	µg/L
4,4'-DDD	0.10000 U	µg/L
4,4'-DDE	0.10000 U	µg/L
4,4'-DDT	0.10000 U	µg/L
Dieldrin	0.10000 U	µg/L
Endosulfan I	0.05000 U	µg/L
Endosulfan II	0.10000 U	µg/L
Endosulfan sulfate	0.10000 U	µg/L
Endrin	0.10000 U	µg/L
Endrin aldehyde	0.10000 U	µg/L
Endrin ketone	0.10000 U	µg/L
Heptachlor	0.05000 U	µg/L
Heptachlor epoxide	0.05000 U	µg/L
Methoxychlor	0.50000 U	µg/L
Toxaphene	5.00000 U	µg/L

Wet Chemistry

TOC	6,490.00000	µg/L
TDS	71,000.00000	µg/L
TSS	3,000.00000	µg/L

4D-P004 WL01 TAL Total Inorganics

Aluminum	5,105.00000	µg/L
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* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result	Qualifier*
	Antimony	4.65000	— µg/L
	Arsenic	13.50000	— µg/L
	Barium	99.50000	— µg/L
	Beryllium	1.00000	U µg/L
	Cadmium	1.00000	U µg/L
	Calcium	81,350.00000	— µg/L
	Chromium	10.20000	— µg/L
	Cobalt	3.15000	— µg/L
	Copper	23.75000	— µg/L
	Iron	4,580.00000	— µg/L
	Lead	31.90000	— µg/L
	Magnesium	3,920.00000	— µg/L
	Manganese	319.50000	— µg/L
	Mercury	0.20000	U µg/L
	Nickel	12.15000	— µg/L
	Potassium	15,100.00000	— µg/L
	Selenium	2.30000	— µg/L
	Silver	1.00000	U µg/L
	Sodium	14,300.00000	— µg/L
	Thallium	3.00000	U µg/L
	Vanadium	13.40000	— µg/L
	Zinc	100.00000	— µg/L

4D-P004 WL01 TAL Dissolved Inorganics

Aluminum	95.10000	UC	µg/L
Antimony	6.45000	—	µg/L
Arsenic	14.75000	—	µg/L
Barium	70.70000	—	µg/L
Beryllium	1.00000	U	µg/L
Cadmium	1.00000	U	µg/L
Calcium	71,800.00000	—	µg/L
Chromium	2.25000	—	µg/L
Cobalt	1.55000	—	µg/L
Copper	14.90000	—	µg/L
Iron	16.90000	—	µg/L
Lead	2.70000	UC	µg/L
Magnesium	3,245.00000	—	µg/L
Manganese	216.00000	—	µg/L
Mercury	0.20000	U	µg/L
Nickel	7.00000	—	µg/L
Potassium	15,200.00000	—	µg/L
Selenium	5.35000	J	µg/L
Silver	1.00000	U	µg/L
Sodium	14,500.00000	—	µg/L
Thallium	3.00000	U	µg/L
Vanadium	2.55000	—	µg/L
Zinc	11.15000	~J	µg/L

TCL Volatiles

Acetone	9.00000	J	µg/L
Benzene	10.00000	U	µg/L
Bromodichloromethane	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

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Location & Sample Number	Parameter	Result & Qualifier*
	Bromoform	10.00000 U µg/L
	Bromomethane	10.00000 U µg/L
	2-Butanone	10.00000 U µg/L
	Carbon Disulfide	10.00000 U µg/L
	Carbon Tetrachloride	10.00000 U µg/L
	Chlorobenzene	10.00000 U µg/L
	Chloroethane	10.00000 U µg/L
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	3.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L

4D-P004 WL01 TCL Semi-Volatiles

Acenaphthene	10.00000 U µg/L
Acenaphthylene	10.00000 U µg/L
Anthracene	10.00000 U µg/L
Benzo (a) anthracene	10.00000 U µg/L
Benzo (a) pyrene	10.00000 U µg/L
Benzo (b) fluoranthene	10.00000 U µg/L
Benzo (g, h, i) perylene	10.00000 U µg/L
Benzo (k) fluoranthene	10.00000 U µg/L
bis (2-Chloroethoxy) Methane	10.00000 U µg/L
bis (2-Chloroethyl) Ether	10.00000 U µg/L
bis (2-Ethylhexyl) phthalate	3.00000 U µg/L
4-Bromophenyl-phenylether	10.00000 U µg/L
Butylbenzylphthalate	10.00000 U µg/L
Carbazole	10.00000 U µg/L
4-Chloro-3-Methylphenol	10.00000 U µg/L
4-Chloroaniline	10.00000 U µg/L
2-Chloronaphthalene	10.00000 U µg/L
2-Chlorophenol	10.00000 U µg/L
4-Chlorophenyl-phenylether	10.00000 U µg/L
Chrysene	10.00000 U µg/L
Di-n-butylphthalate	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a,h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	1.50000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
4D-P004 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 UJv	µg/L
	Aroclor-1260	1.00000 UJv	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
STORM SEWER WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*	
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.00715 J	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 UJv	µg/L
	gamma-Chlordane	0.05000 UJv	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.00755 Jv	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 UJv	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
4D-P004 WL01	Wet Chemistry		
	TOC	121,000.00000	µg/L
	TDS	396,500.00000	µg/L
	TSS	135,500.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Appendix C-2
Remedial Investigation Analytical Results Database
Surface Water and Sediment

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
1A-A002 DL01	TAL Total Inorganics			
	Aluminum	7,930.00000	J	mg/kg
	Antimony	75.70000	-	mg/kg
	Arsenic	224.00000	-	mg/kg
	Barium	272.00000	-	mg/kg
	Beryllium	1.10000	-	mg/kg
	Cadmium	43.10000	-	mg/kg
	Calcium	173,000.00000	-	mg/kg
	Chromium	21.40000	-	mg/kg
	Cobalt	11.50000	-	mg/kg
	Copper	219.00000	-	mg/kg
	Iron	33,900.00000	-	mg/kg
	Lead	3,940.00000	JV	mg/kg
	Magnesium	2,020.00000	-	mg/kg
	Manganese	2,620.00000	-	mg/kg
	Mercury	0.15000	U	mg/kg
	Nickel	49.40000	-	mg/kg
	Potassium	1,880.00000	-	mg/kg
	Selenium	1.50000	U	mg/kg
	Silver	0.90000	U	mg/kg
	Sodium	1,850.00000	J	mg/kg
	Thallium	2.10000	U	mg/kg
	Vanadium	39.00000	-	mg/kg
	Zinc	2,090.00000	-	mg/kg
	TCL Volatiles			
	Acetone	0.04300	UJ	mg/kg
	Benzene	0.01500	U	mg/kg
	Bromodichloromethane	0.01500	U	mg/kg
	Bromoform	0.01500	U	mg/kg
	Bromomethane	0.01500	U	mg/kg
	2-Butanone	0.00900	J	mg/kg
	Carbon Disulfide	0.01500	U	mg/kg
	Carbon Tetrachloride	0.01500	U	mg/kg
	Chlorobenzene	0.01500	U	mg/kg
	Chloroethane	0.01500	U	mg/kg
	Chloroform	0.01500	U	mg/kg
	Chloromethane	0.01500	U	mg/kg
	Dibromochloromethane	0.01500	U	mg/kg
	1,1-Dichloroethane	0.01500	U	mg/kg
	1,2-Dichloroethane	0.01500	U	mg/kg
	1,2-Dichloroethene (total)	0.01500	U	mg/kg
	1,1-Dichloroethene	0.01500	U	mg/kg
	1,2-Dichloropropane	0.01500	U	mg/kg
	cis-1,3-Dichloropropene	0.01500	U	mg/kg
	trans-1,3-Dichloropropene	0.01500	U	mg/kg
	Ethylbenzene	0.01500	U	mg/kg
	2-Hexanone	0.01500	U	mg/kg
	4-Methyl-2-Pentanone	0.01500	U	mg/kg
	Methylene Chloride	0.01900	UJ	mg/kg
	Styrene	0.01500	U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01500	U	mg/kg
	Tetrachloroethene	0.01500	U	mg/kg
	Toluene	0.01500	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1,1-Trichloroethane	0.01500 U	mg/kg
	1,1,2-Trichloroethane	0.01500 U	mg/kg
	Trichloroethene	0.01500 U	mg/kg
	Vinyl Chloride	0.01500 U	mg/kg
	Xylene (total)	0.01500 U	mg/kg
1A-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.49000 U	mg/kg
	Acenaphthylene	0.49000 U	mg/kg
	Anthracene	0.49000 U	mg/kg
	Benzo (a) anthracene	0.49000 U	mg/kg
	Benzo (a) pyrene	0.03300 J	mg/kg
	Benzo (b) fluoranthene	0.03900 J	mg/kg
	Benzo (g, h, i) perylene	0.49000 U	mg/kg
	Benzo (k) fluoranthene	0.49000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.49000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.49000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.08500 J	mg/kg
	4-Bromophenyl-phenylether	0.49000 U	mg/kg
	Butylbenzylphthalate	0.49000 U	mg/kg
	Carbazole	0.49000 U	mg/kg
	4-Chloro-3-Methylphenol	0.49000 U	mg/kg
	4-Chloroaniline	0.49000 U	mg/kg
	2-Chloronaphthalene	0.49000 U	mg/kg
	2-Chlorophenol	0.49000 U	mg/kg
	4-Chlorophenyl-phenylether	0.49000 U	mg/kg
	Chrysene	0.09200 J	mg/kg
	Di-n-butylphthalate	0.49000 U	mg/kg
	Di-n-octylphthalate	0.49000 U	mg/kg
	Dibenz (a, h) anthracene	0.49000 U	mg/kg
	Dibenzofuran	0.49000 U	mg/kg
	1,2-Dichlorobenzene	0.49000 U	mg/kg
	1,3-Dichlorobenzene	0.49000 U	mg/kg
	1,4-Dichlorobenzene	0.49000 U	mg/kg
	3,3'-Dichlorobenzidine	0.49000 U	mg/kg
	2,4-Dichlorophenol	0.49000 U	mg/kg
	Diethylphthalate	0.49000 U	mg/kg
	2,4-Dimethylphenol	0.49000 U	mg/kg
	Dimethylphthalate	0.49000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.20000 U	mg/kg
	2,4-Dinitrophenol	1.20000 U	mg/kg
	2,4-Dinitrotoluene	0.49000 U	mg/kg
	2,6-Dinitrotoluene	0.49000 U	mg/kg
	Fluoranthene	0.49000 U	mg/kg
	Fluorene	0.49000 U	mg/kg
	Hexachlorobenzene	0.49000 U	mg/kg
	Hexachlorobutadiene	0.49000 U	mg/kg
	Hexachlorocyclopentadiene	0.49000 U	mg/kg
	Hexachloroethane	0.49000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.49000 U	mg/kg
	Isophorone	0.49000 U	mg/kg
	2-Methylnaphthalene	0.03100 J	mg/kg
	2-Methylphenol	0.49000 U	mg/kg
	4-Methylphenol	0.49000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Naphthalene	0.49000 U	mg/kg
	2-Nitroaniline	1.20000 U	mg/kg
	3-Nitroaniline	1.20000 U	mg/kg
	4-Nitroaniline	1.20000 U	mg/kg
	Nitrobenzene	0.49000 U	mg/kg
	2-Nitrophenol	0.49000 U	mg/kg
	4-Nitrophenol	1.20000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.49000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.49000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.49000 U	mg/kg
	Pentachlorophenol	1.20000 U	mg/kg
	Phenanthrene	0.49000 U	mg/kg
	Phenol	0.49000 U	mg/kg
	Pyrene	0.03700 J	mg/kg
	1,2,4-Trichlorobenzene	0.49000 U	mg/kg
	2,4,5-Trichlorophenol	1.20000 U	mg/kg
	2,4,6-Trichlorophenol	0.49000 U	mg/kg
1A-A002 DL01	TCL Pesticides		
	Aldrin	0.00250 U	mg/kg
	Aroclor-1016	0.04900 U	mg/kg
	Aroclor-1221	0.09900 U	mg/kg
	Aroclor-1232	0.04900 U	mg/kg
	Aroclor-1242	0.04900 U	mg/kg
	Aroclor-1248	0.04900 U	mg/kg
	Aroclor-1254	0.04900 U	mg/kg
	Aroclor-1260	0.04900 U	mg/kg
	gamma-BHC (Lindane)	0.00250 U	mg/kg
	alpha-BHC	0.00250 U	mg/kg
	beta-BHC	0.00250 U	mg/kg
	delta-BHC	0.00250 U	mg/kg
	alpha-Chlordane	0.00026 J	mg/kg
	gamma-Chlordane	0.00250 U	mg/kg
	4,4'-DDD	0.00490 U	mg/kg
	4,4'-DDE	0.00053 J	mg/kg
	4,4'-DDT	0.00490 U	mg/kg
	Dieldrin	0.00064 J	mg/kg
	Endosulfan I	0.00250 U	mg/kg
	Endosulfan II	0.00490 U	mg/kg
	Endosulfan sulfate	0.00490 U	mg/kg
	Endrin	0.00490 U	mg/kg
	Endrin aldehyde	0.00490 U	mg/kg
	Endrin ketone	0.00490 U	mg/kg
	Heptachlor	0.00250 U	mg/kg
	Heptachlor epoxide	0.00250 U	mg/kg
	Methoxychlor	0.02500 U	mg/kg
	Toxaphene	0.25000 U	mg/kg
1A-A002 WL01	TAL Total Inorganics		
	Aluminum	355.00000 -	µg/L
	Antimony	59.50000 -	µg/L
	Arsenic	187.00000 -	µg/L
	Barium	224.00000 -	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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025250

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Beryllium	1.50000	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	133,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	7.10000	µg/L
	Copper	20.20000	µg/L
	Iron	29,200.00000	µg/L
	Lead	318.00000	µg/L
	Magnesium	4,360.00000	µg/L
	Manganese	2,130.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	13.80000	µg/L
	Potassium	2,070.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	26,400.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	4.00000	µg/L
	Zinc	41.30000	µg/L
1A-A002 WL01	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	19.20000 UC	µg/L
	Arsenic	72.60000	µg/L
	Barium	127.00000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	117,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	4.40000 UC	µg/L
	Iron	161.00000	µg/L
	Lead	3.00000 UJ	µg/L
	Magnesium	3,560.00000	µg/L
	Manganese	1,020.00000	µg/L
	Mercury	0.26000 UC	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	2,280.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	27,800.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
1A-A002 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	6.00000 U	µg/L
		10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
1A-A002 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
1A-A002 WL01	Wet Chemistry		
	TOC	2,730.00000	µg/L
	TDS	544,000.00000	µg/L
	TSS	2,040,000.00000	µg/L
1A-A003 DL01	TAL Total Inorganics		
	Aluminum	1,030.00000 U	mg/kg
	Antimony	11.40000 U	mg/kg
	Arsenic	53.20000 UC	mg/kg
	Barium	266.00000	mg/kg
	Beryllium	2.50000	mg/kg
	Cadmium	4.50000 U	mg/kg
	Calcium	30,400.00000	mg/kg
	Chromium	11.40000 U	mg/kg
	Cobalt	6.50000 UC	mg/kg
	Copper	115.00000 UC	mg/kg
	Iron	134,000.00000	mg/kg
	Lead	163.00000 UCJv	mg/kg
	Magnesium	1,010.00000 UC	mg/kg
	Manganese	7,630.00000	mg/kg
	Mercury	1.10000 U	mg/kg
	Nickel	22.70000 U	mg/kg
	Potassium	455.00000 U	mg/kg
	Selenium	11.40000 U	mg/kg
	Silver	6.80000 U	mg/kg
	Sodium	4,850.00000 UCJ	mg/kg
	Thallium	15.90000 U	mg/kg
	Vanadium	9.80000 UC	mg/kg
	Zinc	189.00000 UC	mg/kg
	TCL Volatiles		
	Acetone	0.57000 UJ	mg/kg
	Benzene	0.20000 U	mg/kg
	Bromodichloromethane	0.20000 U	mg/kg
	Bromoform	0.20000 U	mg/kg
	Bromomethane	0.20000 U	mg/kg
	2-Butanone	0.20000 U	mg/kg
	Carbon Disulfide	0.20000 U	mg/kg
	Carbon Tetrachloride	0.20000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Chlorobenzene	0.20000 U	mg/kg
	Chloroethane	0.20000 U	mg/kg
	Chloroform	0.20000 U	mg/kg
	Chloromethane	0.20000 U	mg/kg
	Dibromochloromethane	0.20000 U	mg/kg
	1,1-Dichloroethane	0.20000 U	mg/kg
	1,2-Dichloroethane	0.20000 U	mg/kg
	1,2-Dichloroethene (total)	0.20000 U	mg/kg
	1,1-Dichloroethene	0.20000 U	mg/kg
	1,2-Dichloropropane	0.20000 U	mg/kg
	cis-1,3-Dichloropropene	0.20000 U	mg/kg
	trans-1,3-Dichloropropene	0.20000 U	mg/kg
	Ethylbenzene	0.20000 U	mg/kg
	2-Hexanone	0.20000 U	mg/kg
	4-Methyl-2-Pentanone	0.20000 U	mg/kg
	Methylene Chloride	0.20000 U	mg/kg
	Styrene	0.20000 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.20000 U	mg/kg
	Tetrachloroethene	0.20000 U	mg/kg
	Toluene	0.20000 U	mg/kg
	1,1,1-Trichloroethane	0.20000 U	mg/kg
	1,1,2-Trichloroethane	0.20000 U	mg/kg
	Trichloroethene	0.20000 U	mg/kg
	Vinyl Chloride	0.20000 U	mg/kg
	Xylene (total)	0.20000 U	mg/kg
1A-A003 DL01	TCL Semi-Volatiles		
	Acenaphthene	6.50000 U	mg/kg
	Acenaphthylene	6.50000 U	mg/kg
	Anthracene	6.50000 U	mg/kg
	Benzo(a)anthracene	6.50000 U	mg/kg
	Benzo(a)pyrene	6.50000 U	mg/kg
	Benzo(b)fluoranthene	6.50000 U	mg/kg
	Benzo(g,h,i)perylene	6.50000 U	mg/kg
	Benzo(k)fluoranthene	6.50000 U	mg/kg
	bis(2-Chloroethoxy)Methane	6.50000 U	mg/kg
	bis(2-Chloroethyl) Ether	6.50000 U	mg/kg
	bis(2-Ethylhexyl) phthalate	6.50000 U	mg/kg
	4-Bromophenyl-phenylether	6.50000 U	mg/kg
	Butylbenzylphthalate	6.50000 U	mg/kg
	Carbazole	6.50000 U	mg/kg
	4-Chloro-3-Methylphenol	6.50000 U	mg/kg
	4-Chloroaniline	6.50000 U	mg/kg
	2-Chloronaphthalene	6.50000 U	mg/kg
	2-Chlorophenol	6.50000 U	mg/kg
	4-Chlorophenyl-phenylether	6.50000 U	mg/kg
	Chrysene	6.50000 U	mg/kg
	Di-n-butylphthalate	6.50000 U	mg/kg
	Di-n-octylphthalate	6.50000 U	mg/kg
	Dibenz(a,h)anthracene	6.50000 U	mg/kg
	Dibenzofuran	6.50000 U	mg/kg
	1,2-Dichlorobenzene	6.50000 U	mg/kg
	1,3-Dichlorobenzene	6.50000 U	mg/kg
	1,4-Dichlorobenzene	6.50000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	3,3'-Dichlorobenzidine	6.50000 U mg/kg
	2,4-Dichlorophenol	6.50000 U mg/kg
	Diethylphthalate	6.50000 U mg/kg
	2,4-Dimethylphenol	6.50000 U mg/kg
	Dimethylphthalate	6.50000 U mg/kg
	4,6-Dinitro-2-Methylphenol	16.00000 U mg/kg
	2,4-Dinitrophenol	16.00000 U mg/kg
	2,4-Dinitrotoluene	6.50000 U mg/kg
	2,6-Dinitrotoluene	6.50000 U mg/kg
	Fluoranthene	6.50000 U mg/kg
	Fluorene	6.50000 U mg/kg
	Hexachlorobenzene	6.50000 U mg/kg
	Hexachlorobutadiene	6.50000 U mg/kg
	Hexachlorocyclopentadiene	6.50000 U mg/kg
	Hexachloroethane	6.50000 U mg/kg
	Indeno (1,2,3-cd) pyrene	6.50000 U mg/kg
	Isophorone	6.50000 U mg/kg
	2-Methylnaphthalene	6.50000 U mg/kg
	2-Methylphenol	6.50000 U mg/kg
	4-Methylphenol	6.50000 U mg/kg
	Naphthalene	6.50000 U mg/kg
	2-Nitroaniline	16.00000 U mg/kg
	3-Nitroaniline	16.00000 U mg/kg
	4-Nitroaniline	16.00000 U mg/kg
	Nitrobenzene	6.50000 U mg/kg
	2-Nitrophenol	6.50000 U mg/kg
	4-Nitrophenol	16.00000 U mg/kg
	N-Nitroso-di-n-propylamine	6.50000 U mg/kg
	N-Nitrosodiphenylamine (1)	6.50000 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	6.50000 U mg/kg
	Pentachlorophenol	16.00000 U mg/kg
	Phenanthrene	6.50000 U mg/kg
	Phenol	6.50000 U mg/kg
	Pyrene	6.50000 U mg/kg
	1,2,4-Trichlorobenzene	6.50000 U mg/kg
	2,4,5-Trichlorophenol	16.00000 U mg/kg
	2,4,6-Trichlorophenol	6.50000 U mg/kg
1A-A003 DL01	TCL Pesticides	
	Aldrin	0.03400 U mg/kg
	Aroclor-1016	0.65000 U mg/kg
	Aroclor-1221	1.30000 U mg/kg
	Aroclor-1232	0.65000 U mg/kg
	Aroclor-1242	0.65000 U mg/kg
	Aroclor-1248	0.65000 U mg/kg
	Aroclor-1254	0.65000 U mg/kg
	Aroclor-1260	0.65000 U mg/kg
	gamma-BHC (Lindane)	0.03400 U mg/kg
	alpha-BHC	0.03400 U mg/kg
	beta-BHC	0.03400 U mg/kg
	delta-BHC	0.03400 U mg/kg
	alpha-Chlordane	0.03400 U mg/kg
	gamma-Chlordane	0.03400 U mg/kg
	4,4'-DDD	0.06500 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
1A-A003 DL01	4,4'-DDE	0.06500 U	mg/kg
	4,4'-DDT	0.06500 U	mg/kg
	Dieldrin	0.06500 U	mg/kg
	Endosulfan I	0.03400 U	mg/kg
	Endosulfan II	0.06500 U	mg/kg
	Endosulfan sulfate	0.06500 U	mg/kg
	Endrin	0.06500 U	mg/kg
	Endrin aldehyde	0.06500 U	mg/kg
	Endrin ketone	0.06500 U	mg/kg
	Heptachlor	0.03400 U	mg/kg
	Heptachlor epoxide	0.03400 U	mg/kg
	Methoxychlor	0.34000 U	mg/kg
	Toxaphene	3.40000 U	mg/kg
	TCLP Inorganics		
	Arsenic	0.00220 U	mg/L
1A-A003 DL01	Barium	0.89600 E	mg/L
	Cadmium	0.00440 U	mg/L
	Chromium	0.00570 U	mg/L
	Lead	0.00260 BW	mg/L
	Mercury	0.00020 U	mg/L
	Selenium	0.02700 U	mg/L
	Silver	0.00450 U	mg/L
	TCLP Volatiles		
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L
	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
1A-A003 DL01	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 U	mg/L
	3-Methylphenol	0.18000 U	mg/L
	4-Methylphenol	0.18000 U	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 U	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 U	mg/L
	2,4,6-Trichlorophenol	0.12000 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dichlorophenoxyacetic acid	5.00000 U	µg/L
	Endrin	0.01000 U	µg/L
	Heptachlor	0.00400 U	µg/L
	Heptachlor epoxide	0.00400 U	µg/L
	Methoxychlor	5.00000 U	µg/L
	2,4,5-TP (Silvex)	0.50000 U	µg/L
	Toxaphene	0.25000 U	µg/L
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1A-A003 WL01	TAL Total Inorganics		
	Aluminum	325.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	18.20000 UCJ	µg/L
	Barium	115.00000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	167,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	27.40000 U	µg/L
	Iron	15,700.00000 J	µg/L
	Lead	283.00000	µg/L
	Magnesium	4,180.00000	µg/L
	Manganese	695.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	2,560.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	23,500.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	12.30000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	5.00000	µg/L
	Arsenic	17.60000 J	µg/L
	Barium	93.90000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	146,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	7.10000	µg/L
	Iron	720.00000	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	3,850.00000	µg/L
	Manganese	445.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	2,810.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Sodium	24,400.00000 U µg/L
	Thallium	7.00000 U µg/L
	Vanadium	2.00000 U µg/L
	Zinc	4.00000 U µg/L
1A-A003 WL01	TCL Volatiles	
	Acetone	10.00000 U µg/L
	Benzene	10.00000 U µg/L
	Bromodichloromethane	10.00000 U µg/L
	Bromoform	10.00000 U µg/L
	Bromomethane	10.00000 U µg/L
	2-Butanone	10.00000 U µg/L
	Carbon Disulfide	10.00000 U µg/L
	Carbon Tetrachloride	10.00000 U µg/L
	Chlorobenzene	10.00000 U µg/L
	Chloroethane	10.00000 U µg/L
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo(a)anthracene	10.00000 U µg/L
	Benzo(a)pyrene	10.00000 U µg/L
	Benzo(b)fluoranthene	10.00000 U µg/L
	Benzo(g,h,i)perylene	10.00000 U µg/L
	Benzo(k)fluoranthene	10.00000 U µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U µg/L
	bis(2-Chloroethyl)Ether	10.00000 U µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier	
	Carbazole	10.00000 U	µg/l
	4-Chloro-3-Methylphenol	10.00000 U	µg/l
	4-Chloroaniline	10.00000 U	µg/l
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	2.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
1A-A003 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Aroclor-1016	1.00000	U µg/L
	Aroclor-1221	2.00000	U µg/L
	Aroclor-1232	1.00000	U µg/L
	Aroclor-1242	1.00000	U µg/L
	Aroclor-1248	1.00000	U µg/L
	Aroclor-1254	1.00000	U µg/L
	Aroclor-1260	1.00000	U µg/L
	gamma-BHC (Lindane)	0.05000	U µg/L
	alpha-BHC	0.05000	U µg/L
	beta-BHC	0.01400	J µg/L
	delta-BHC	0.05000	U µg/L
	alpha-Chlordane	0.05000	UJv µg/L
	gamma-Chlordane	0.05000	UJv µg/L
	4,4'-DDD	0.10000	UJv µg/L
	4,4'-DDE	0.10000	UJv µg/L
	4,4'-DDT	0.10000	UJv µg/L
	Dieldrin	0.10000	UJv µg/L
	Endosulfan I	0.05000	UJv µg/L
	Endosulfan II	0.10000	UJv µg/L
	Endosulfan sulfate	0.10000	UJv µg/L
	Endrin	0.10000	UJv µg/L
	Endrin aldehyde	0.10000	UJv µg/L
	Endrin ketone	0.10000	UJv µg/L
	Heptachlor	0.05000	U µg/L
	Heptachlor epoxide	0.05000	UJv µg/L
	Methoxychlor	0.50000	UJv µg/L
	Toxaphene	5.00000	U µg/L
1A-A003 WL01	Wet Chemistry		
	TOC	4,400.00000	µg/L
	TDS	612,000.00000	µg/L
	TSS	2,800,000.00000	µg/L
1C-A001 DL01	TAL Total Inorganics		
	Aluminum	12,750.00000	J mg/kg
	Antimony	1.65000	mg/kg
	Arsenic	22.55000	mg/kg
	Barium	125.55000	mg/kg
	Beryllium	1.30000	mg/kg
	Cadmium	0.67000	U mg/kg
	Calcium	111,500.00000	mg/kg
	Chromium	22.05000	mg/kg
	Cobalt	11.65000	mg/kg
	Copper	51.60000	UC mg/kg
	Iron	20,250.00000	mg/kg
	Lead	485.00000	Jv mg/kg
	Magnesium	2,100.00000	mg/kg
	Manganese	1,520.00000	mg/kg
	Mercury	0.17000	U mg/kg
	Nickel	39.75000	mg/kg
	Potassium	2,925.00000	mg/kg
	Selenium	1.70000	U mg/kg
	Silver	1.00000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Sodium	895.00000	UCJ mg/
	Thallium	2.40000	U mg/l
	Vanadium	42.90000	— mg/l
	Zinc	190.50000	— mg/l
1C-A001 DL01	TCL Volatiles		
	Acetone	0.03000	UJ mg/kg
	Benzene	0.01800	U mg/kg
	Bromodichloromethane	0.01800	U mg/kg
	Bromoform	0.01800	U mg/kg
	Bromomethane	0.01800	U mg/kg
	2-Butanone	0.01800	U mg/kg
	Carbon Disulfide	0.01800	U mg/kg
	Carbon Tetrachloride	0.01800	U mg/kg
	Chlorobenzene	0.01800	U mg/kg
	Chloroethane	0.01800	U mg/kg
	Chloroform	0.01800	U mg/kg
	Chloromethane	0.01800	U mg/kg
	Dibromochloromethane	0.01800	U mg/kg
	1,1-Dichloroethane	0.01800	U mg/kg
	1,2-Dichloroethane	0.01800	U mg/kg
	1,2-Dichloroethene (total)	0.01800	U mg/kg
	1,1-Dichloroethene	0.01800	U mg/kg
	1,2-Dichloropropane	0.01800	U mg/kg
	cis-1,3-Dichloropropene	0.01800	U mg/kg
	trans-1,3-Dichloropropene	0.01800	U mg/kg
	Ethylbenzene	0.01800	U mg/kg
	2-Hexanone	0.01800	U mg/kg
	4-Methyl-2-Pentanone	0.01800	U mg/kg
	Methylene Chloride	0.02000	UJ mg/kg
	Styrene	0.01800	U mg/kg
	1,1,2,2-Tetrachloroethane	0.01800	U mg/kg
	Tetrachloroethene	0.01800	U mg/kg
	Toluene	0.01800	U mg/kg
	1,1,1-Trichloroethane	0.01800	U mg/kg
	1,1,2-Trichloroethane	0.01800	U mg/kg
	Trichloroethene	0.01800	U mg/kg
	Vinyl Chloride	0.01800	U mg/kg
	Xylene (total)	0.01800	U mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.57000	U mg/kg
	Acenaphthylene	0.57000	U mg/kg
	Anthracene	0.15750	J mg/kg
	Benzo (a) anthracene	0.26000	J mg/kg
	Benzo (a) pyrene	0.32000	J mg/kg
	Benzo (b) fluoranthene	0.48000	J mg/kg
	Benzo (g, h, i) perylene	0.37500	J mg/kg
	Benzo (k) fluoranthene	0.28000	J mg/kg
	bis (2-Chloroethoxy) Methane	0.57000	U mg/kg
	bis (2-Chloroethyl) Ether	0.57000	U mg/kg
	bis (2-Ethylhexyl) phthalate	0.22000	J mg/kg
	4-Bromophenyl-phenylether	0.57000	U mg/kg
	Butylbenzylphthalate	0.57000	UJv mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*
	Carbazole	0.16500 U mg/kg
	4-Chloro-3-Methylphenol	0.57000 U mg/kg
	4-Chloroaniline	0.57000 U mg/kg
	2-Chloronaphthalene	0.57000 U mg/kg
	2-Chlorophenol	0.57000 U mg/kg
	4-Chlorophenyl-phenylether	0.57000 U mg/kg
	Chrysene	0.49500 J mg/kg
	Di-n-butylphthalate	0.57000 U mg/kg
	Di-n-octylphthalate	0.57000 UJv mg/kg
	Dibenz (a,h) anthracene	0.57000 UJv mg/kg
	Dibenzofuran	0.57000 U mg/kg
	1,2-Dichlorobenzene	0.57000 U mg/kg
	1,3-Dichlorobenzene	0.57000 U mg/kg
	1,4-Dichlorobenzene	0.57000 U mg/kg
	3,3'-Dichlorobenzidine	0.57000 UJv mg/kg
	2,4-Dichlorophenol	0.57000 U mg/kg
	Diethylphthalate	0.57000 U mg/kg
	2,4-Dimethylphenol	0.57000 U mg/kg
	Dimethylphthalate	0.57000 U mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U mg/kg
	2,4-Dinitrophenol	1.40000 U mg/kg
	2,4-Dinitrotoluene	0.57000 U mg/kg
	2,6-Dinitrotoluene	0.57000 U mg/kg
	Fluoranthene	0.38000 J mg/kg
	Fluorene	0.57000 U mg/kg
	Hexachlorobenzene	0.57000 U mg/kg
	Hexachlorobutadiene	0.57000 U mg/kg
	Hexachlorocyclopentadiene	0.57000 U mg/kg
	Hexachloroethane	0.57000 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.29000 J mg/kg
	Isophorone	0.57000 U mg/kg
	2-Methylnaphthalene	0.57000 U mg/kg
	2-Methylphenol	0.57000 U mg/kg
	4-Methylphenol	0.57000 U mg/kg
	Naphthalene	0.57000 U mg/kg
	2-Nitroaniline	1.40000 U mg/kg
	3-Nitroaniline	1.40000 U mg/kg
	4-Nitroaniline	1.40000 U mg/kg
	Nitrobenzene	0.57000 U mg/kg
	2-Nitrophenol	0.57000 U mg/kg
	4-Nitrophenol	1.40000 U mg/kg
	N-Nitroso-di-n-propylamine	0.57000 U mg/kg
	N-Nitrosodiphenylamine (1)	0.57000 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.57000 U mg/kg
	Pentachlorophenol	1.40000 U mg/kg
	Phenanthrene	0.17000 J mg/kg
	Phenol	0.57000 U mg/kg
	Pyrene	0.98500 J mg/kg
	1,2,4-Trichlorobenzene	0.57000 U mg/kg
	2,4,5-Trichlorophenol	1.40000 U mg/kg
	2,4,6-Trichlorophenol	0.57000 U mg/kg
1C-A001 DL01	TCL Pesticides	
	Aldrin	0.02300 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1016	0.45000 U	mg/kg
	Aroclor-1221	0.91000 U	mg/kg
	Aroclor-1232	0.45000 U	mg/kg
	Aroclor-1242	0.45000 U	mg/kg
	Aroclor-1248	0.45000 U	mg/kg
	Aroclor-1254	0.45000 UJv	mg/kg
	Aroclor-1260	0.45000 UJv	mg/kg
	gamma-BHC (Lindane)	0.02300 U	mg/kg
	alpha-BHC	0.02300 U	mg/kg
	beta-BHC	0.02300 U	mg/kg
	delta-BHC	0.02300 U	mg/kg
	alpha-Chlordane	0.02300 U	mg/kg
	gamma-Chlordane	0.00460 J	mg/kg
	4,4'-DDD	0.00650 J	mg/kg
	4,4'-DDE	0.01180 Jv	mg/kg
	4,4'-DDT	0.01260 Jv	mg/kg
	Dieldrin	0.01175 Jv	mg/kg
	Endosulfan I	0.00785 Jv	mg/kg
	Endosulfan II	0.02300 U	mg/kg
	Endosulfan sulfate	0.04500 UJv	mg/kg
	Endrin	0.04500 UJv	mg/kg
	Endrin aldehyde	0.04500 UJv	mg/kg
	Endrin ketone	0.00340 Jv	mg/kg
	Heptachlor	0.04500 UJv	mg/kg
	Heptachlor epoxide	0.02300 U	mg/kg
	Methoxychlor	0.00599 J	mg/kg
	Toxaphene	0.23000 UJv	mg/kg
		2.30000 UJv	mg/kg
1C-A001 DL01	Wet Chemistry		
	TOC	11,650.00000	mg/kg
1C-A001 WL01	TAL Total Inorganics		
	Aluminum	1,650.00000 J	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	61.25000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	68,500.00000	µg/L
	Chromium	4.15000	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	44.57500 Jc	µg/L
	Iron	2,260.00000 J	µg/L
	Lead	44.05000 J	µg/L
	Magnesium	2,265.00000	µg/L
	Manganese	324.50000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	3,630.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	9,295.00000 J^	µg/L
	Thallium	7.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Vanadium	4.60000	Jv µg/L
	Zinc	152.50000	J µg/L
1C-A001 WL01	TAL Dissolved Inorganics		
	Aluminum	60.10000	UC µg/L
	Antimony	10.00000	UC µg/L
	Arsenic	9.35000	J µg/L
	Barium	40.10000	J µg/L
	Beryllium	1.40000	UC µg/L
	Cadmium	2.00000	U µg/L
	Calcium	56,350.00000	µg/L
	Chromium	5.00000	U µg/L
	Cobalt	2.00000	U µg/L
	Copper	6.70000	C µg/L
	Iron	60.00000	U µg/L
	Lead	3.00000	U µg/L
	Magnesium	1,860.00000	µg/L
	Manganese	205.00000	µg/L
	Mercury	0.18500	µg/L
	Nickel	10.00000	U µg/L
	Potassium	4,015.00000	µg/L
	Selenium	5.75000	µg/L
	Silver	3.00000	U µg/L
	Sodium	9,705.00000	µg/L
	Thallium	7.00000	U µg/L
	Vanadium	2.00000	U µg/L
	Zinc	4.90000	µg/L
	TCL Volatiles		
	Acetone	10.00000	U µg/L
	Benzene	10.00000	UJv µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	UJv µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
1C-A001 WL01	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L
	Acenaphthylene	10.00000	U µg/L
	Anthracene	10.00000	U µg/L
	Benzo(a)anthracene	10.00000	U µg/L
	Benzo(a)pyrene	10.00000	U µg/L
	Benzo(b)fluoranthene	10.00000	U µg/L
	Benzo(g,h,i)perylene	10.00000	U µg/L
	Benzo(k)fluoranthene	10.00000	U µg/L
	bis(2-Chloroethoxy)Methane	10.00000	U µg/L
	bis(2-Chloroethyl)Ether	10.00000	U µg/L
	bis(2-Ethylhexyl)phthalate	0.80000	J µg/L
	4-Bromophenyl-phenylether	10.00000	U µg/L
	Butylbenzylphthalate	10.00000	U µg/L
	Carbazole	10.00000	U µg/L
	4-Chloro-3-Methylphenol	10.00000	U µg/L
	4-Chloroaniline	10.00000	U µg/L
	2-Chloronaphthalene	10.00000	U µg/L
	2-Chlorophenol	10.00000	U µg/L
	4-Chlorophenyl-phenylether	10.00000	U µg/L
	Chrysene	10.00000	U µg/L
	Di-n-butylphthalate	10.00000	U µg/L
	Di-n-octylphthalate	10.00000	U µg/L
	Dibenz(a,h)anthracene	10.00000	U µg/L
	Dibenzofuran	10.00000	U µg/L
	1,2-Dichlorobenzene	10.00000	U µg/L
	1,3-Dichlorobenzene	10.00000	U µg/L
	1,4-Dichlorobenzene	10.00000	U µg/L
	3,3'-Dichlorobenzidine	10.00000	U µg/L
	2,4-Dichlorophenol	10.00000	U µg/L
	Diethylphthalate	10.00000	U µg/L
	2,4-Dimethylphenol	10.00000	U µg/L
	Dimethylphthalate	10.00000	U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000	U µg/L
	2,4-Dinitrophenol	25.00000	U µg/L
	2,4-Dinitrotoluene	10.00000	U µg/L
	2,6-Dinitrotoluene	10.00000	U µg/L
	Fluoranthene	10.00000	U µg/L
	Fluorene	10.00000	U µg/L
	Hexachlorobenzene	10.00000	U µg/L
	Hexachlorobutadiene	10.00000	U µg/L
	Hexachlorocyclopentadiene	10.00000	U µg/L
	Hexachloroethane	10.00000	U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000	U µg/L
	Isophorone	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
1C-A001 WL01	TCL Pesticides	
	Aldrin	0.00725 J µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 UJv µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.01850 J µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 UJv µg/L
	gamma-Chlordane	0.05000 UJv µg/L
	4,4'-DDD	0.10000 UJv µg/L
	4,4'-DDE	0.10000 UJv µg/L
	4,4'-DDT	0.10000 UJv µg/L
	Dieldrin	0.10000 UJv µg/L
	Endosulfan I	0.05000 UJv µg/L
	Endosulfan II	0.10000 UJv µg/L
	Endosulfan sulfate	0.10000 UJv µg/L
	Endrin	0.10000 UJv µg/L
	Endrin aldehyde	0.10000 UJv µg/L
	Endrin ketone	0.10000 UJv µg/L
	Heptachlor	0.05000 UJv µg/L
	Heptachlor epoxide	0.05000 UJv µg/L
	Methoxychlor	0.50000 UJv µg/L
	Toxaphene	5.00000 UJv µg/L
	Wet Chemistry	
	TOC	9,190.00000 µg/L
	TDS	209,000.00000 µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	TSS	800,000.00000	µg/L
1C-A002 DL01	TAL Total Inorganics		
	Aluminum	16,100.00000	J mg/kg
	Antimony	1.50000	U mg/kg
	Arsenic	21.10000	U mg/kg
	Barium	113.00000	U mg/kg
	Beryllium	2.00000	U mg/kg
	Cadmium	0.59000	U mg/kg
	Calcium	75,200.00000	U mg/kg
	Chromium	24.20000	U mg/kg
	Cobalt	12.60000	U mg/kg
	Copper	43.40000	UC mg/kg
	Iron	33,200.00000	U mg/kg
	Lead	406.00000	JV mg/kg
	Magnesium	2,700.00000	U mg/kg
	Manganese	969.00000	U mg/kg
	Mercury	0.15000	U mg/kg
	Nickel	35.10000	U mg/kg
	Potassium	3,260.00000	U mg/kg
	Selenium	1.50000	U mg/kg
	Silver	0.89000	U mg/kg
	Sodium	990.00000	J mg/kg
	Thallium	2.10000	U mg/kg
	Vanadium	41.70000	U mg/kg
	Zinc	142.00000	U mg/kg
	TCL Volatiles		
	Acetone	0.01600	U mg/kg
	Benzene	0.01600	U mg/kg
	Bromodichloromethane	0.01600	U mg/kg
	Bromoform	0.01600	U mg/kg
	Bromomethane	0.01600	U mg/kg
	2-Butanone	0.01600	U mg/kg
	Carbon Disulfide	0.01600	U mg/kg
	Carbon Tetrachloride	0.01600	U mg/kg
	Chlorobenzene	0.01600	U mg/kg
	Chloroethane	0.01600	U mg/kg
	Chloroform	0.01600	U mg/kg
	Chloromethane	0.01600	U mg/kg
	Dibromochloromethane	0.01600	U mg/kg
	1,1-Dichloroethane	0.01600	U mg/kg
	1,2-Dichloroethane	0.01600	U mg/kg
	1,2-Dichloroethene (total)	0.01600	U mg/kg
	1,1-Dichloroethene	0.01600	U mg/kg
	1,2-Dichloropropane	0.01600	U mg/kg
	cis-1,3-Dichloropropene	0.01600	U mg/kg
	trans-1,3-Dichloropropene	0.01600	U mg/kg
	Ethylbenzene	0.01600	U mg/kg
	2-Hexanone	0.01600	U mg/kg
	4-Methyl-2-Pentanone	0.01600	U mg/kg
	Methylene Chloride	0.01600	U mg/kg
	Styrene	0.01600	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg
1C-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	1.00000 U	mg/kg
	Acenaphthylene	1.00000 U	mg/kg
	Anthracene	0.11000 J	mg/kg
	Benzo (a) anthracene	0.89000 J	mg/kg
	Benzo (a) pyrene	1.10000 J	mg/kg
	Benzo (b) fluoranthene	0.66000 J	mg/kg
	Benzo (g,h,i) perylene	0.69000 J	mg/kg
	Benzo (k) fluoranthene	0.26000 J	mg/kg
	bis (2-Chloroethoxy) Methane	1.00000 U	mg/kg
	bis (2-Chloroethyl) Ether	1.00000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	1.00000 UJV	mg/kg
	4-Bromophenyl-phenylether	1.00000 U	mg/kg
	Butylbenzylphthalate	1.00000 UJV	mg/kg
	Carbazole	0.08300 J	mg/kg
	4-Chloro-3-Methylphenol	1.00000 U	mg/kg
	4-Chloroaniline	1.00000 U	mg/kg
	2-Chloronaphthalene	1.00000 U	mg/kg
	2-Chlorophenol	1.00000 U	mg/kg
	4-Chlorophenyl-phenylether	1.00000 U	mg/kg
	Chrysene	3.30000 J	mg/kg
	Di-n-butylphthalate	1.00000 U	mg/kg
	Di-n-octylphthalate	1.00000 UJV	mg/kg
	Dibenz (a,h) anthracene	0.37000 J	mg/kg
	Dibenzofuran	1.00000 U	mg/kg
	1,2-Dichlorobenzene	1.00000 U	mg/kg
	1,3-Dichlorobenzene	1.00000 U	mg/kg
	1,4-Dichlorobenzene	1.00000 U	mg/kg
	3,3'-Dichlorobenzidine	1.00000 UJV	mg/kg
	2,4-Dichlorophenol	1.00000 U	mg/kg
	Diethylphthalate	1.00000 U	mg/kg
	2,4-Dimethylphenol	1.00000 U	mg/kg
	Dimethylphthalate	1.00000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	2.50000 U	mg/kg
	2,4-Dinitrophenol	2.50000 U	mg/kg
	2,4-Dinitrotoluene	1.00000 U	mg/kg
	2,6-Dinitrotoluene	1.00000 U	mg/kg
	Fluoranthene	0.32000 J	mg/kg
	Fluorene	1.00000 U	mg/kg
	Hexachlorobenzene	1.00000 U	mg/kg
	Hexachlorobutadiene	1.00000 U	mg/kg
	Hexachlorocyclopentadiene	1.00000 U	mg/kg
	Hexachloroethane	1.00000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.41000 J	mg/kg
	Isophorone	1.00000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylnaphthalene	1.00000 U	mg/kg
	2-Methylphenol	1.00000 U	mg/kg
	4-Methylphenol	1.00000 U	mg/kg
	Naphthalene	1.00000 U	mg/kg
	2-Nitroaniline	2.50000 U	mg/kg
	3-Nitroaniline	2.50000 U	mg/kg
	4-Nitroaniline	2.50000 U	mg/kg
	Nitrobenzene	1.00000 U	mg/kg
	2-Nitrophenol	1.00000 U	mg/kg
	4-Nitrophenol	2.50000 U	mg/kg
	N-Nitroso-di-n-propylamine	1.00000 U	mg/kg
	N-Nitrosodiphenylamine (1)	1.00000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	1.00000 U	mg/kg
	Pentachlorophenol	2.50000 U	mg/kg
	Phenanthrene	0.79000 J	mg/kg
	Phenol	1.00000 U	mg/kg
	Pyrene	1.70000 J	mg/kg
	1,2,4-Trichlorobenzene	1.00000 U	mg/kg
	2,4,5-Trichlorophenol	2.50000 U	mg/kg
	2,4,6-Trichlorophenol	1.00000 U	mg/kg
1C-A002 DL01	TCL Pesticides		
	Aldrin	0.01300 U	mg/kg
	Aroclor-1016	0.24000 U	mg/kg
	Aroclor-1221	0.50000 U	mg/kg
	Aroclor-1232	0.24000 U	mg/kg
	Aroclor-1242	0.24000 U	mg/kg
	Aroclor-1248	0.24000 U	mg/kg
	Aroclor-1254	0.24000 U	mg/kg
	Aroclor-1260	0.24000 U	mg/kg
	gamma-BHC (Lindane)	0.01300 U	mg/kg
	alpha-BHC	0.01300 U	mg/kg
	beta-BHC	0.01300 U	mg/kg
	delta-BHC	0.01300 U	mg/kg
	alpha-Chlordane	0.01300 U	mg/kg
	gamma-Chlordane	0.01300 U	mg/kg
	4,4'-DDD	0.02400 U	mg/kg
	4,4'-DDE	0.02400 U	mg/kg
	4,4'-DDT	0.02400 U	mg/kg
	Dieldrin	0.00230 J	mg/kg
	Endosulfan I	0.01300 U	mg/kg
	Endosulfan II	0.02400 U	mg/kg
	Endosulfan sulfate	0.00430 J	mg/kg
	Endrin	0.02400 U	mg/kg
	Endrin aldehyde	0.02400 U	mg/kg
	Endrin ketone	0.02400 U	mg/kg
	Heptachlor	0.01300 U	mg/kg
	Heptachlor epoxide	0.00110 J	mg/kg
	Methoxychlor	0.12600 U	mg/kg
	Toxaphene	1.30000 U	mg/kg
1C-A002 WL01	TAL Total Inorganics		
	Aluminum	1,780.00000 J	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	68.90000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	85,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	40.30000	µg/L
	Iron	2,730.00000 J	µg/L
	Lead	61.00000	µg/L
	Magnesium	2,830.00000	µg/L
	Manganese	442.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	4,480.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	9,900.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	3.60000 Jv	µg/L
	Zinc	80.80000	µg/L
1C-A002 WL01	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	19.30000	µg/L
	Barium	43.90000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	57,300.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	5.90000 UC	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	2,030.00000	µg/L
	Manganese	267.00000	µg/L
	Mercury	0.26000 UC	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	4,370.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	11,500.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.40000	µg/L
	TCL Volatiles		
	Acetone	7.00000 J	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropene	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
1C-A002 WL01	TCL Semi-Volatiles.		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo(a)anthracene	10.00000 U	µg/L
	Benzo(a)pyrene	10.00000 U	µg/L
	Benzo(b)fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i)perylene	10.00000 U	µg/L
	Benzo(k)fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl) Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl) phthalate	0.90000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	1.00000 J	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	0.60000 J	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
1C-A002 WL01	TCL Pesticides		
	Aldrin	0.00640 J	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 UJv	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.02300 J	µg/L
	delta-BHC	0.05000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
IC-A002 WL01	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
	Wet Chemistry		
	TOC	16,000.00000	µg/L
	TDS	200,000.00000	µg/L
	TSS	6,000.00000	µg/L
IC-A003 DL01	TAL Total Inorganics		
	Aluminum	17,000.00000 J	mg/kg
	Antimony	1.60000 U	mg/kg
	Arsenic	17.50000 J	mg/kg
	Barium	112.00000	mg/kg
	Beryllium	1.70000	mg/kg
	Cadmium	0.65000 U	mg/kg
	Calcium	35,700.00000	mg/kg
	Chromium	28.30000	mg/kg
	Cobalt	8.90000	mg/kg
	Copper	62.20000 J	mg/kg
	Iron	21,000.00000	mg/kg
	Lead	688.00000 Jv	mg/kg
	Magnesium	3,090.00000	mg/kg
	Manganese	289.00000	mg/kg
	Mercury	0.16000 U	mg/kg
	Nickel	24.20000	mg/kg
	Potassium	3,130.00000	mg/kg
	Selenium	1.60000 U	mg/kg
	Silver	0.97000 U	mg/kg
	Sodium	1,520.00000 J	mg/kg
	Thallium	2.30000 U	mg/kg
	Vanadium	45.60000	mg/kg
	Zinc	98.40000 J	mg/kg
	TCL Volatiles		
	Acetone	0.02300 UJ	mg/kg
	Benzene	0.01800 U	mg/kg
	Bromodichloromethane	0.01800 U	mg/kg
	Bromoform	0.01800 U	mg/kg
	Bromomethane	0.01800 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	2-Butanone	0.01800 U mg/kg
	Carbon Disulfide	0.00300 J mg/kg
	Carbon Tetrachloride	0.01800 U mg/kg
	Chlorobenzene	0.01800 U mg/kg
	Chloroethane	0.01800 U mg/kg
	Chloroform	0.01800 U mg/kg
	Chloromethane	0.01800 U mg/kg
	Dibromochloromethane	0.01800 U mg/kg
	1,1-Dichloroethane	0.01800 U mg/kg
	1,2-Dichloroethane	0.01800 U mg/kg
	1,2-Dichloroethene (total)	0.01800 U mg/kg
	1,1-Dichloroethene	0.01800 U mg/kg
	1,2-Dichloropropane	0.01800 U mg/kg
	cis-1,3-Dichloropropene	0.01800 U mg/kg
	trans-1,3-Dichloropropene	0.01800 U mg/kg
	Ethylbenzene	0.00300 JF+ mg/kg
	2-Hexanone	0.00400 J mg/kg
	4-Methyl-2-Pentanone	0.04500 U mg/kg
	Methylene Chloride	0.02200 UJ mg/kg
	Styrene	0.01800 U mg/kg
	1,1,2,2-Tetrachloroethane	0.01800 U mg/kg
	Tetrachloroethene	0.01800 U mg/kg
	Toluene	0.01800 U mg/kg
	1,1,1-Trichloroethane	0.01800 U mg/kg
	1,1,2-Trichloroethane	0.01800 U mg/kg
	Trichloroethene	0.01800 U mg/kg
	Vinyl Chloride	0.01800 U mg/kg
	Xylene (total)	0.00300 J mg/kg
1C-A003 DL01	TCL Semi-Volatiles	
	Acenaphthene	18.00000 U mg/kg
	Acenaphthylene	18.00000 U mg/kg
	Anthracene	18.00000 U mg/kg
	Benzo (a) anthracene	2.90000 J mg/kg
	Benzo (a) pyrene	18.00000 UJv mg/kg
	Benzo (b) fluoranthene	18.00000 UJv mg/kg
	Benzo (g, h, i) perylene	18.00000 UJv mg/kg
	Benzo (k) fluoranthene	18.00000 UJv mg/kg
	bis (2-Chloroethoxy) Methane	18.00000 U mg/kg
	bis (2-Chloroethyl) Ether	18.00000 U mg/kg
	bis (2-Ethylhexyl) phthalate	18.00000 U mg/kg
	4-Bromophenyl-phenylether	18.00000 U mg/kg
	Butylbenzylphthalate	18.00000 U mg/kg
	Carbazole	18.00000 U mg/kg
	4-Chloro-3-Methylphenol	18.00000 U mg/kg
	4-Chloroaniline	18.00000 U mg/kg
	2-Chloronaphthalene	18.00000 U mg/kg
	2-Chlorophenol	18.00000 U mg/kg
	4-Chlorophenyl-phenylether	18.00000 U mg/kg
	Chrysene	13.00000 J mg/kg
	Di-n-butylphthalate	18.00000 U mg/kg
	Di-n-octylphthalate	18.00000 UJv mg/kg
	Dibenz (a, b) anthracene	18.00000 UJv mg/kg
	Dibenzofuran	18.00000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichlorobenzene	18.00000	U mg/kg
	1,3-Dichlorobenzene	18.00000	U mg/kg
	1,4-Dichlorobenzene	18.00000	U mg/kg
	3,3'-Dichlorobenzidine	18.00000	U mg/kg
	2,4-Dichlorophenol	18.00000	U mg/kg
	Diethylphthalate	18.00000	U mg/kg
	2,4-Dimethylphenol	18.00000	U mg/kg
	Dimethylphthalate	18.00000	U mg/kg
	4,6-Dinitro-2-Methylphenol	18.00000	U mg/kg
	2,4-Dinitrophenol	45.00000	U mg/kg
	2,4-Dinitrotoluene	45.00000	U mg/kg
	2,6-Dinitrotoluene	18.00000	U mg/kg
	Fluoranthene	18.00000	U mg/kg
	Fluorene	0.96000	J mg/kg
	Hexachlorobenzene	18.00000	U mg/kg
	Hexachlorobutadiene	18.00000	U mg/kg
	Hexachlorocyclopentadiene	18.00000	U mg/kg
	Hexachloroethane	18.00000	U mg/kg
	Indeno(1,2,3-cd)pyrene	18.00000	UJv mg/kg
	Isophorone	18.00000	U mg/kg
	2-Methylnaphthalene	18.00000	U mg/kg
	2-Methylphenol	1.50000	J mg/kg
	4-Methylphenol	18.00000	U mg/kg
	Naphthalene	18.00000	U mg/kg
	2-Nitroaniline	45.00000	U mg/kg
	3-Nitroaniline	45.00000	U mg/kg
	4-Nitroaniline	45.00000	U mg/kg
	Nitrobenzene	45.00000	U mg/kg
	2-Nitrophenol	18.00000	U mg/kg
	4-Nitrophenol	18.00000	U mg/kg
	N-Nitroso-di-n-propylamine	45.00000	U mg/kg
	N-Nitrosodiphenylamine (1)	18.00000	U mg/kg
	2,2'-Oxybis(1-Chloropropane)	2.60000	JF+ mg/kg
	Pentachlorophenol	18.00000	U mg/kg
	Phenanthrene	45.00000	U mg/kg
	Phenol	7.90000	J mg/kg
	Pyrene	18.00000	U mg/kg
		5.90000	J mg/kg
	1,2,4-Trichlorobenzene	18.00000	U mg/kg
	2,4,5-Trichlorophenol	45.00000	U mg/kg
	2,4,6-Trichlorophenol	18.00000	U mg/kg
1C-A003 DL01	TCL Pesticides		
	Aldrin	0.00450	J mg/kg
	Aroclor-1016	0.24000	U mg/kg
	Aroclor-1221	0.49000	U mg/kg
	Aroclor-1232	0.24000	U mg/kg
	Aroclor-1242	0.24000	U mg/kg
	Aroclor-1248	0.24000	U mg/kg
	Aroclor-1254	0.24000	U mg/kg
	Aroclor-1260	0.24000	UJv mg/kg
	gamma-BHC (Lindane)	0.01200	U mg/kg
	alpha-BHC	0.01200	U mg/kg
	beta-BHC	0.01200	U mg/kg
	delta-BHC	0.00130	J mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	alpha-Chlordane	0.00180 J	mg/kg
	gamma-Chlordane	0.00320 J	mg/kg
	4,4'-DDD	0.02400 UJv	mg/kg
	4,4'-DDE	0.02400 UJv	mg/kg
	4,4'-DDT	0.02400 UJv	mg/kg
	Dieldrin	0.02400 UJv	mg/kg
	Endosulfan I	0.00190 J	mg/kg
	Endosulfan II	0.02400 UJv	mg/kg
	Endosulfan sulfate	0.00680 Jv	mg/kg
	Endrin	0.02400 UJv	mg/kg
	Endrin aldehyde	0.02400 UJv	mg/kg
	Endrin ketone	0.00280 Jv	mg/kg
	Heptachlor	0.01200 U	mg/kg
	Heptachlor epoxide	0.00170 J	mg/kg
	Methoxychlor	0.12000 UJv	mg/kg
	Toxaphene	1.20000 UJv	mg/kg
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1C-A003 WL01	TAL Total Inorganics		
	Aluminum	4,810.00000 J	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	16.40000 UCT	µg/L
	Barium	118.00000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	112,000.00000	µg/L
	Chromium	9.60000	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	44.30000	µg/L
	Iron	7,010.00000 J	µg/L
	Lead	104.00000	µg/L
	Magnesium	2,820.00000	µg/L
	Manganese	790.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	19.20000	µg/L
	Potassium	4,980.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	7,000.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	15.30000 Jv	µg/L
	Zinc	264.00000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	27.20000	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	9.30000 J	µg/L
	Barium	30.40000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	38,400.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	15.60000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
1C-A003 WL01	Iron	60.00000	U µg/L
	Lead	3.00000	U µg/L
	Magnesium	1,300.00000	U µg/L
	Manganese	131.00000	U µg/L
	Mercury	0.20000	U µg/L
	Nickel	10.00000	U µg/L
	Potassium	3,850.00000	U µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	6,430.00000	U µg/L
	Thallium	7.00000	U µg/L
	Vanadium	2.00000	U µg/L
	Zinc	7.70000	U µg/L
	TCL Volatiles		
	Acetone	11.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L
	Acenaphthylene	10.00000	U µg/L
	Anthracene	10.00000	U µg/L
	Benzo(a)anthracene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Benzo(a)pyrene	10.00000 U µg/L
	Benzo(b)fluoranthene	0.80000 J µg/L
	Benzo(g,h,i)perylene	10.00000 U µg/L
	Benzo(k)fluoranthene	0.50000 J µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U µg/L
	bis(2-Chloroethyl)Ether	10.00000 U µg/L
	bis(2-Ethylhexyl)phthalate	2.00000 J µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	0.50000 J µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	0.70000 J µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz(a,h)anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	0.90000 J µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	0.60000 J µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	1.00000 J µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
1C-A003 WL01	Phenanthrene	10.00000	U	µg/L
	Phenol	10.00000	U	µg/L
	Pyrene	1.00000	J	µg/L
	1,2,4-Trichlorobenzene	10.00000	U	µg/L
	2,4,5-Trichlorophenol	25.00000	U	µg/L
	2,4,6-Trichlorophenol	10.00000	U	µg/L
	TCL Pesticides			
	Aldrin	0.05000	UVV	µg/L
	Aroclor-1016	1.00000	UVV	µg/L
	Aroclor-1221	2.00000	UVV	µg/L
	Aroclor-1232	1.00000	UVV	µg/L
	Aroclor-1242	1.00000	UVV	µg/L
	Aroclor-1248	1.00000	UVV	µg/L
	Aroclor-1254	1.00000	UVV	µg/L
	Aroclor-1260	1.00000	UVV	µg/L
	gamma-BHC (Lindane)	0.05000	UVV	µg/L
	alpha-BHC	0.05000	UVV	µg/L
	beta-BHC	0.05000	UVV	µg/L
	delta-BHC	0.05000	UVV	µg/L
	alpha-Chlordane	0.05000	UVV	µg/L
	gamma-Chlordane	0.05000	UVV	µg/L
	4,4'-DDD	0.10000	UVV	µg/L
	4,4'-DDE	0.10000	UVV	µg/L
	4,4'-DDT	0.10000	UVV	µg/L
1C-A004 DL01	Dieldrin	0.10000	UVV	µg/L
	Endosulfan I	0.10000	UVV	µg/L
	Endosulfan II	0.05000	UVV	µg/L
	Endosulfan sulfate	0.10000	UVV	µg/L
	Endrin	0.10000	UVV	µg/L
	Endrin aldehyde	0.10000	UVV	µg/L
	Endrin ketone	0.10000	UVV	µg/L
	Heptachlor	0.10000	UVV	µg/L
	Heptachlor epoxide	0.05000	UVV	µg/L
	Methoxychlor	0.05000	UVV	µg/L
	Toxaphene	0.50000	UVV	µg/L
	Wet Chemistry			
	TOC	11,200.00000	—	µg/L
	TDS	158,000.00000	—	µg/L
	TSS	2,770,000.00000	—	µg/L
	TAL Total Inorganics			
	Aluminum	1,930.00000	J	mg/kg
	Antimony	1.10000	U	mg/kg
	Arsenic	7.10000	J	mg/kg
	Barium	37.40000	—	mg/kg
	Beryllium	0.38000	—	mg/kg
	Cadmium	0.46000	U	mg/kg
	Calcium	325,000.00000	—	mg/kg
	Chromium	94.10000	—	mg/kg
	Cobalt	7.00000	—	mg/kg
	Copper	18.10000	UC	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Iron	11,300.00000	mg/kg
	Lead	11.40000 UCJv	mg/kg
	Magnesium	759.00000	mg/kg
	Manganese	1,900.00000	mg/kg
	Mercury	0.11000 U	mg/kg
	Nickel	20.90000	mg/kg
	Potassium	568.00000	mg/kg
	Selenium	1.10000 U	mg/kg
	Silver	0.68000 U	mg/kg
	Sodium	817.00000 U	mg/kg
	Thallium	1.60000 U	mg/kg
	Vanadium	56.30000	mg/kg
	Zinc	50.40000 UC	mg/kg

1C-A004 DL01	TCL Volatiles		
	Acetone	0.01100 U	mg/kg
	Benzene	0.01100 U	mg/kg
	Bromodichloromethane	0.01100 U	mg/kg
	Bromoform	0.01100 U	mg/kg
	Bromomethane	0.01100 U	mg/kg
	2-Butanone	0.01100 U	mg/kg
	Carbon Disulfide	0.01100 U	mg/kg
	Carbon Tetrachloride	0.01100 U	mg/kg
	Chlorobenzene	0.01100 U	mg/kg
	Chloroethane	0.01100 U	mg/kg
	Chloroform	0.01100 U	mg/kg
	Chloromethane	0.01100 U	mg/kg
	Dibromochloromethane	0.01100 U	mg/kg
	1,1-Dichloroethane	0.01100 U	mg/kg
	1,2-Dichloroethane	0.01100 U	mg/kg
	1,2-Dichloroethene (total)	0.01100 U	mg/kg
	1,1-Dichloroethene	0.01100 U	mg/kg
	1,2-Dichloropropane	0.01100 U	mg/kg
	cis-1,3-Dichloropropene	0.01100 U	mg/kg
	trans-1,3-Dichloropropene	0.01100 U	mg/kg
	Ethylbenzene	0.01100 U	mg/kg
	2-Hexanone	0.01100 U	mg/kg
	4-Methyl-2-Pentanone	0.01100 U	mg/kg
	Methylene Chloride	0.01100 U	mg/kg
	Styrene	0.01100 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01100 U	mg/kg
	Tetrachloroethene	0.01100 U	mg/kg
	Toluene	0.01100 U	mg/kg
	1,1,1-Trichloroethane	0.01100 U	mg/kg
	1,1,2-Trichloroethane	0.01100 U	mg/kg
	Trichloroethene	0.01100 U	mg/kg
	Vinyl Chloride	0.01100 U	mg/kg
	Xylene (total)	0.01100 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.36000 U	mg/kg
	Acenaphthylene	0.36000 U	mg/kg
	Anthracene	0.36000 U	mg/kg
	Benzo (a) anthracene	0.36000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Benzo(a)pyrene	0.36000	U mg/kg
	Benzo(b)fluoranthene	0.05600	J mg/kg
	Benzo(g,h,i)perylene	0.03000	J mg/kg
	Benzo(k)fluoranthene	0.04000	J mg/kg
	bis(2-Chloroethoxy)Methane	0.36000	U mg/kg
	bis(2-Chloroethyl)Ether	0.36000	U mg/kg
	bis(2-Ethylhexyl)phthalate	0.10000	J mg/kg
	4-Bromophenyl-phenylether	0.36000	U mg/kg
	Butylbenzylphthalate	0.36000	U mg/kg
	Carbazole	0.36000	U mg/kg
	4-Chloro-3-Methylphenol	0.36000	U mg/kg
	4-Chloroaniline	0.36000	U mg/kg
	2-Chloronaphthalene	0.36000	U mg/kg
	2-Chlorophenol	0.36000	U mg/kg
	4-Chlorophenyl-phenylether	0.36000	U mg/kg
	Chrysene	0.04600	J mg/kg
	Di-n-butylphthalate	0.36000	U mg/kg
	Di-n-octylphthalate	0.36000	U mg/kg
	Dibenz(a,h)anthracene	0.36000	U mg/kg
	Dibenzofuran	0.36000	U mg/kg
	1,2-Dichlorobenzene	0.36000	U mg/kg
	1,3-Dichlorobenzene	0.36000	U mg/kg
	1,4-Dichlorobenzene	0.36000	U mg/kg
	3,3'-Dichlorobenzidine	0.36000	U mg/kg
	2,4-Dichlorophenol	0.36000	U mg/kg
	Diethylphthalate	0.36000	U mg/kg
	2,4-Dimethylphenol	0.36000	U mg/kg
	Dimethylphthalate	0.36000	U mg/kg
	4,6-Dinitro-2-Methylphenol	0.36000	U mg/kg
	2,4-Dinitrophenol	0.87000	U mg/kg
	2,4-Dinitrotoluene	0.87000	U mg/kg
	2,6-Dinitrotoluene	0.36000	U mg/kg
	Fluoranthene	0.03000	J mg/kg
	Fluorene	0.36000	U mg/kg
	Hexachlorobenzene	0.36000	U mg/kg
	Hexachlorobutadiene	0.36000	U mg/kg
	Hexachlorocyclopentadiene	0.36000	U mg/kg
	Hexachloroethane	0.36000	U mg/kg
	Indeno(1,2,3-cd)pyrene	0.02300	J mg/kg
	Isophorone	0.36000	U mg/kg
	2-Methylnaphthalene	0.36000	U mg/kg
	2-Methylphenol	0.36000	U mg/kg
	4-Methylphenol	0.36000	U mg/kg
	Naphthalene	0.36000	U mg/kg
	2-Nitroaniline	0.87000	U mg/kg
	3-Nitroaniline	0.87000	U mg/kg
	4-Nitroaniline	0.87000	U mg/kg
	Nitrobenzene	0.36000	U mg/kg
	2-Nitrophenol	0.36000	U mg/kg
	4-Nitrophenol	0.87000	U mg/kg
	N-Nitroso-di-n-propylamine	0.36000	U mg/kg
	N-Nitrosodiphenylamine (1)	0.36000	U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.36000	U mg/kg
	Pentachlorophenol	0.87000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

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Location & Sample Number	Parameter	Result & Qualifier*	
1C-A004 DL01	Phenanthrene	0.36000 U	mg/kg
	Phenol	0.36000 U	mg/kg
	Pyrene	0.06600 U	mg/kg
	1,2,4-Trichlorobenzene	0.36000 U	mg/kg
	2,4,5-Trichlorophenol	0.87000 U	mg/kg
	2,4,6-Trichlorophenol	0.36000 U	mg/kg
	TCL Pesticides		
	Aldrin	0.00180 U	mg/kg
	Aroclor-1016	0.03500 U	mg/kg
	Aroclor-1221	0.07200 U	mg/kg
	Aroclor-1232	0.03500 U	mg/kg
1C-A004 WL01	Aroclor-1242	0.03500 U	mg/kg
	Aroclor-1248	0.03500 U	mg/kg
	Aroclor-1254	0.03500 U	mg/kg
	Aroclor-1260	0.03500 U	mg/kg
	gamma-BHC (Lindane)	0.00180 U	mg/kg
	alpha-BHC	0.00180 U	mg/kg
	beta-BHC	0.00180 U	mg/kg
	delta-BHC	0.00180 U	mg/kg
	alpha-Chlordane	0.00067 U	mg/kg
	gamma-Chlordane	0.00060 U	mg/kg
	4,4'-DDD	0.00350 U	mg/kg
	4,4'-DDE	0.00350 U	mg/kg
	4,4'-DDT	0.00044 U	mg/kg
	Dieldrin	0.00350 U	mg/kg
	Endosulfan I	0.00180 U	mg/kg
	Endosulfan II	0.00350 U	mg/kg
	Endosulfan sulfate	0.00350 U	mg/kg
	Endrin	0.00350 U	mg/kg
	Endrin aldehyde	0.00350 U	mg/kg
	Endrin ketone	0.00350 U	mg/kg
	Heptachlor	0.00180 U	mg/kg
	Heptachlor epoxide	0.00022 U	mg/kg
	Methoxychlor	0.01800 U	mg/kg
	Toxaphene	0.18000 U	mg/kg
	TAL Total Inorganics		
	Aluminum	1,190.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.60000 UC	µg/L
	Barium	48.60000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	50,700.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	46.50000	µg/L
	Iron	1,360.00000 U	µg/L
	Lead	41.90000	µg/L
	Magnesium	1,230.00000	µg/L
	Manganese	270.00000	µg/L
	Mercury	0.20000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result	Qualifier*
1C-A004 WL01	Nickel	10.00000	U µg/L
	Potassium	2,670.00000	U µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	3,900.00000	J µg/L
	Thallium	7.00000	U µg/L
	Vanadium	3.30000	JV µg/L
	Zinc	107.00000	U µg/L
	TAL Dissolved Inorganics		
	Aluminum	48.50000	U µg/L
	Antimony	5.00000	U µg/L
	Arsenic	7.00000	UJ µg/L
	Barium	17.40000	U µg/L
1C-A004 WL01	Beryllium	1.00000	U µg/L
	Cadmium	2.00000	U µg/L
	Calcium	24,200.00000	U µg/L
	Chromium	5.00000	U µg/L
	Cobalt	2.00000	U µg/L
	Copper	12.90000	U µg/L
	Iron	60.00000	U µg/L
	Lead	3.00000	U µg/L
	Magnesium	755.00000	U µg/L
	Manganese	47.60000	U µg/L
	Mercury	0.20000	U µg/L
	Nickel	10.00000	U µg/L
	Potassium	2,270.00000	U µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	3,460.00000	U µg/L
	Thallium	7.00000	U µg/L
	Vanadium	2.20000	U µg/L
	Zinc	6.50000	U µg/L
	TCL Volatiles		
	Acetone	5.00000	J µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
1C-A004 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	0.70000 J	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	2.00000 J	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	0.70000 J	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	0.70000 J	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	1.00000 J	µg/L
	Fluorene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
1C-A004 WL01	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	10.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	25.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	10.00000 U µg/L
	N-Nitroso-di-n-propylamine	25.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	10.00000 U µg/L
	Phenanthrene	25.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	0.90000 U µg/L
	2,4,5-Trichlorophenol	10.00000 U µg/L
	2,4,6-Trichlorophenol	25.00000 U µg/L
		10.00000 U µg/L
1C-A004 WL01	TCL Pesticides	
	Aldrin	
	Aroclor-1016	0.05000 U µg/L
	Aroclor-1221	1.00000 U µg/L
	Aroclor-1232	2.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	1.00000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 U µg/L
	4,4'-DDD	0.05000 U µg/L
	4,4'-DDE	0.10000 U µg/L
	4,4'-DDT	0.10000 U µg/L
	Dieldrin	0.10000 U µg/L
	Endosulfan I	0.10000 U µg/L
	Endosulfan II	0.05000 U µg/L
	Endosulfan sulfate	0.10000 U µg/L
	Endrin	0.10000 U µg/L
	Endrin aldehyde	0.10000 U µg/L
	Endrin ketone	0.10000 U µg/L
	Heptachlor	0.10000 U µg/L
	Heptachlor epoxide	0.05000 U µg/L
		0.05000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
1C-A004 WL01	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	6,280.00000 -	µg/L
	TDS	52,000.00000 -	µg/L
	TSS	14,000.00000 -	µg/L
1C-A005 DL01	TAL Total Inorganics		
	Aluminum	8,200.00000 J	mg/kg
	Antimony	1.30000 U	mg/kg
	Arsenic	13.70000 -	mg/kg
	Barium	136.00000 -	mg/kg
	Beryllium	0.88000 -	mg/kg
	Cadmium	0.53000 U	mg/kg
	Calcium	108,000.00000 -	mg/kg
	Chromium	19.10000 -	mg/kg
	Cobalt	11.00000 -	mg/kg
	Copper	48.60000 UC	mg/kg
	Iron	19,400.00000 -	mg/kg
	Lead	873.00000 Jv	mg/kg
	Magnesium	1,600.00000 -	mg/kg
	Manganese	1,260.00000 -	mg/kg
	Mercury	0.18000 -	mg/kg
	Nickel	32.20000 -	mg/kg
	Potassium	1,530.00000 -	mg/kg
	Selenium	1.30000 U	mg/kg
	Silver	0.79000 U	mg/kg
	Sodium	845.00000 J	mg/kg
	Thallium	1.90000 U	mg/kg
	Vanadium	33.10000 -	mg/kg
	Zinc	230.00000 -	mg/kg
	TCL Volatiles		
	Acetone	0.01500 UJ	mg/kg
	Benzene	0.01400 U	mg/kg
	Bromodichloromethane	0.01400 U	mg/kg
	Bromoform	0.01400 U	mg/kg
	Bromomethane	0.01400 U	mg/kg
	2-Butanone	0.01400 U	mg/kg
	Carbon Disulfide	0.01400 U	mg/kg
	Carbon Tetrachloride	0.01400 U	mg/kg
	Chlorobenzene	0.01400 U	mg/kg
	Chloroethane	0.01400 U	mg/kg
	Chloroform	0.01400 U	mg/kg
	Chloromethane	0.01400 U	mg/kg
	Dibromochloromethane	0.01400 U	mg/kg
	1,1-Dichloroethane	0.01400 U	mg/kg
	1,2-Dichloroethane	0.01400 U	mg/kg
	1,2-Dichloroethene (total)	0.01400 U	mg/kg
	1,1-Dichloroethene	0.01400 U	mg/kg
	1,2-Dichloropropane	0.01400 U	mg/kg
	cis-1,3-Dichloropropene	0.01400 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	trans-1,3-Dichloropropene	0.01400 U	mg/kg
	Ethylbenzene	0.01400 U	mg/kg
	2-Hexanone	0.01400 U	mg/kg
	4-Methyl-2-Pentanone	0.01400 U	mg/kg
	Methylene Chloride	0.01400 U	mg/kg
	Styrene	0.01400 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01400 U	mg/kg
	Tetrachloroethene	0.01400 U	mg/kg
	Toluene	0.01400 U	mg/kg
	1,1,1-Trichloroethane	0.01400 U	mg/kg
	1,1,2-Trichloroethane	0.01400 U	mg/kg
	Trichloroethene	0.01400 U	mg/kg
	Vinyl Chloride	0.01400 U	mg/kg
	Xylene (total)	0.01400 U	mg/kg
1C-A005 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.13000 J	mg/kg
	Acenaphthylene	2.30000 U	mg/kg
	Anthracene	0.35000 J	mg/kg
	Benzo(a)anthracene	4.10000	mg/kg
	Benzo(a)pyrene	4.70000	mg/kg
	Benzo(b)fluoranthene	6.00000	mg/kg
	Benzo(g,h,i)perylene	4.50000	mg/kg
	Benzo(k)fluoranthene	5.40000	mg/kg
	bis(2-Chloroethoxy)Methane	2.30000 U	mg/kg
	bis(2-Chloroethyl)Ether	2.30000 U	mg/kg
	bis(2-Ethylhexyl)phthalate	2.10000 J	mg/kg
	4-Bromophenyl-phenylether	2.30000 U	mg/kg
	Butylbenzylphthalate	0.54000 J	mg/kg
	Carbazole	0.76000 J	mg/kg
	4-Chloro-3-Methylphenol	2.30000 U	mg/kg
	4-Chloroaniline	2.30000 U	mg/kg
	2-Chloronaphthalene	2.30000 U	mg/kg
	2-Chlorophenol	2.30000 U	mg/kg
	4-Chlorophenyl-phenylether	2.30000 U	mg/kg
	Chrysene	6.60000	mg/kg
	Di-n-butylphthalate	2.30000 U	mg/kg
	Di-n-octylphthalate	2.30000 U	mg/kg
	Dibenz(a,h)anthracene	2.30000 U	mg/kg
	Dibenzofuran	2.30000 U	mg/kg
	1,2-Dichlorobenzene	2.30000 U	mg/kg
	1,3-Dichlorobenzene	2.30000 U	mg/kg
	1,4-Dichlorobenzene	2.30000 U	mg/kg
	3,3'-Dichlorobenzidine	2.30000 U	mg/kg
	2,4-Dichlorophenol	2.30000 U	mg/kg
	Diethylphthalate	2.30000 U	mg/kg
	2,4-Dimethylphenol	2.30000 U	mg/kg
	Dimethylphthalate	2.30000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	5.60000 U	mg/kg
	2,4-Dinitrophenol	5.60000 U	mg/kg
	2,4-Dinitrotoluene	2.30000 U	mg/kg
	2,6-Dinitrotoluene	2.30000 U	mg/kg
	Fluoranthene	7.20000	mg/kg
	Fluorene	0.14000 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Hexachlorobenzene	2.30000 U	mg/kg
	Hexachlorobutadiene	2.30000 U	mg/kg
	Hexachlorocyclopentadiene	2.30000 U	mg/kg
	Hexachloroethane	2.30000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	4.30000	mg/kg
	Isophorone	2.30000 U	mg/kg
	2-Methylnaphthalene	2.30000 U	mg/kg
	2-Methylphenol	2.30000 U	mg/kg
	4-Methylphenol	2.30000 U	mg/kg
	Naphthalene	2.30000 U	mg/kg
	2-Nitroaniline	5.60000 U	mg/kg
	3-Nitroaniline	5.60000 U	mg/kg
	4-Nitroaniline	5.60000 U	mg/kg
	Nitrobenzene	2.30000 U	mg/kg
	2-Nitrophenol	2.30000 U	mg/kg
	4-Nitrophenol	5.60000 U	mg/kg
	N-Nitroso-di-n-propylamine	2.30000 U	mg/kg
	N-Nitrosodiphenylamine (1)	2.30000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	2.30000 U	mg/kg
	Pentachlorophenol	5.60000 U	mg/kg
	Phenanthrene	2.60000	mg/kg
	Phenol	2.30000 U	mg/kg
	Pyrene	11.00000	mg/kg
	1,2,4-Trichlorobenzene	2.30000 U	mg/kg
	2,4,5-Trichlorophenol	5.60000 U	mg/kg
	2,4,6-Trichlorophenol	2.30000 U	mg/kg
1C-A005 DL01	TCL Pesticides		
	Aldrin	0.01200 U	mg/kg
	Aroclor-1016	0.23000 U	mg/kg
	Aroclor-1221	0.47000 U	mg/kg
	Aroclor-1232	0.23000 U	mg/kg
	Aroclor-1242	0.23000 U	mg/kg
	Aroclor-1248	0.23000 U	mg/kg
	Aroclor-1254	0.23000 U	mg/kg
	Aroclor-1260	0.23000 U	mg/kg
	gamma-BHC (Lindane)	0.01200 U	mg/kg
	alpha-BHC	0.01200 U	mg/kg
	beta-BHC	0.01200 U	mg/kg
	delta-BHC	0.01200 U	mg/kg
	alpha-Chlordane	0.00510 J	mg/kg
	gamma-Chlordane	0.00490 J	mg/kg
	4,4'-DDD	0.02300 U	mg/kg
	4,4'-DDE	0.02300 U	mg/kg
	4,4'-DDT	0.00560 J	mg/kg
	Dieldrin	0.00540 J	mg/kg
	Endosulfan I	0.01200 U	mg/kg
	Endosulfan II	0.02300 U	mg/kg
	Endosulfan sulfate	0.02300 U	mg/kg
	Endrin	0.02300 U	mg/kg
	Endrin aldehyde	0.02300 U	mg/kg
	Endrin ketone	0.02300 U	mg/kg
	Heptachlor	0.01200 U	mg/kg
	Heptachlor epoxide	0.01200 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Methoxychlor	0.12000 U	mg/kg
	Toxaphene	1.20000 U	mg/kg
1C-A005 WL01	TAL Total Inorganics		
	Aluminum	1,170.00000 J	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	12.20000 UC	µg/L
	Barium	36.50000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	39,400.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	31.30000	µg/L
	Iron	1,550.00000 J	µg/L
	Lead	18.50000	µg/L
	Magnesium	1,300.00000	µg/L
	Manganese	165.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	2,670.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	4,830.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.60000 Jv	µg/L
	Zinc	74.70000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	33.20000	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 UC	µg/L
	Barium	22.90000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	29,400.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	11.00000	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	953.00000	µg/L
	Manganese	71.00000	µg/L
	Mercury	0.27000	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	2,840.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	4,350.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.20000	µg/L
	Zinc	22.10000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result	Qualifier*
1C-A005 WL01	TCL Volatiles		
	Acetone	10.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L
	Acenaphthylene	10.00000	U µg/L
	Anthracene	10.00000	U µg/L
	Benzo(a)anthracene	10.00000	U µg/L
	Benzo(a)pyrene	10.00000	U µg/L
	Benzo(b)fluoranthene	10.00000	U µg/L
	Benzo(g,h,i)perylene	10.00000	U µg/L
	Benzo(k)fluoranthene	10.00000	U µg/L
	bis(2-Chloroethoxy)Methane	10.00000	U µg/L
	bis(2-Chloroethyl)Ether	10.00000	U µg/L
	bis(2-Ethylhexyl)phthalate	1.00000	U µg/L
	4-Bromophenyl-phenylether	10.00000	U µg/L
	Butylbenzylphthalate	10.00000	U µg/L
	Carbazole	10.00000	U µg/L
	4-Chloro-3-Methylphenol	10.00000	U µg/L
	4-Chloroaniline	10.00000	U µg/L
	2-Chloronaphthalene	10.00000	U µg/L
	2-Chlorophenol	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	0.50000 J	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
1C-A005 WL01	TCL Pesticides		
	Aldrin	0.01200 J	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.00320 J	µg/L
	beta-BHC	0.01600 J	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 UJv	µg/L
	gamma-Chlordane	0.05000 UJv	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.05000 UJv	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 UJv	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 U	µg/L
1C-A005 WL01	Wet Chemistry		
	TOC	12,700.00000	µg/L
	TDS	134,000.00000	µg/L
	TSS	794,000.00000	µg/L

1D-A001 DL01	TAL Total Inorganics		
	Aluminum	12,900.00000	mg/kg
	Antimony	1.60000 U	mg/kg
	Arsenic	7.50000	mg/kg
	Barium	90.80000	mg/kg
	Beryllium	1.30000	mg/kg
	Cadmium	0.64000 U	mg/kg
	Calcium	93,800.00000	mg/kg
	Chromium	18.30000	mg/kg
	Cobalt	6.00000	mg/kg
	Copper	30.20000	mg/kg
	Iron	17,800.00000	mg/kg
	Lead	30.60000 Jv	mg/kg
	Magnesium	2,350.00000	mg/kg
	Manganese	608.00000 Jv	mg/kg
	Mercury	0.16000	mg/kg
	Nickel	21.70000	mg/kg
	Potassium	11,800.00000	mg/kg
	Selenium	1.60000 U	mg/kg
	Silver	0.96000 U	mg/kg
	Sodium	1,570.00000 J	mg/kg
	Thallium	2.20000 U	mg/kg
	Vanadium	38.50000	mg/kg
	Zinc	66.20000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
1D-A001 DL01	TCL Volatiles		
	Acetone	0.02200 UJ	mg/kg
	Benzene	0.01600 U	mg/kg
	Bromodichloromethane	0.01600 U	mg/kg
	Bromoform	0.01600 U	mg/kg
	Bromomethane	0.01600 U	mg/kg
	2-Butanone	0.00500 U	mg/kg
	Carbon Disulfide	0.01600 U	mg/kg
	Carbon Tetrachloride	0.01600 U	mg/kg
	Chlorobenzene	0.01600 U	mg/kg
	Chloroethane	0.01600 U	mg/kg
	Chloroform	0.01600 U	mg/kg
	Chloromethane	0.01600 U	mg/kg
	Dibromochloromethane	0.01600 U	mg/kg
	1,1-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethene (total)	0.01600 U	mg/kg
	1,1-Dichloroethene	0.01600 U	mg/kg
	1,2-Dichloropropane	0.01600 U	mg/kg
	cis-1,3-Dichloropropene	0.01600 U	mg/kg
	trans-1,3-Dichloropropene	0.01600 U	mg/kg
	Ethylbenzene	0.01600 U	mg/kg
	2-Hexanone	0.01600 U	mg/kg
	4-Methyl-2-Pentanone	0.01600 U	mg/kg
	Methylene Chloride	0.01600 U	mg/kg
	Styrene	0.01600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.53000 U	mg/kg
	Acenaphthylene	0.53000 U	mg/kg
	Anthracene	0.53000 U	mg/kg
	Benzo (a) anthracene	0.53000 U	mg/kg
	Benzo (a) pyrene	0.53000 U	mg/kg
	Benzo (b) fluoranthene	0.53000 U	mg/kg
	Benzo (g, h, i) perylene	0.53000 U	mg/kg
	Benzo (k) fluoranthene	0.53000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.53000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.53000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.53000 U	mg/kg
	4-Bromophenyl-phenylether	0.03800 U	mg/kg
	Butylbenzylphthalate	0.53000 U	mg/kg
	Carbazole	0.53000 U	mg/kg
	4-Chloro-3-Methylphenol	0.53000 U	mg/kg
	4-Chloroaniline	0.53000 U	mg/kg
	2-Chloronaphthalene	0.53000 U	mg/kg
	2-Chlorophenol	0.53000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chlorophenyl-phenylether	0.53000 U	mg/kg
	Chrysene	0.53000 U	mg/kg
	Di-n-butylphthalate	0.18000 U	mg/kg
	Di-n-octylphthalate	0.53000 U	mg/kg
	Dibenz (a, h) anthracene	0.53000 U	mg/kg
	Dibenzofuran	0.53000 U	mg/kg
	1,2-Dichlorobenzene	0.53000 U	mg/kg
	1,3-Dichlorobenzene	0.53000 U	mg/kg
	1,4-Dichlorobenzene	0.53000 U	mg/kg
	3,3'-Dichlorobenzidine	0.53000 U	mg/kg
	2,4-Dichlorophenol	0.53000 U	mg/kg
	Diethylphthalate	0.53000 U	mg/kg
	2,4-Dimethylphenol	0.53000 U	mg/kg
	Dimethylphthalate	0.53000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.30000 U	mg/kg
	2,4-Dinitrophenol	1.30000 U	mg/kg
	2,4-Dinitrotoluene	0.53000 U	mg/kg
	2,6-Dinitrotoluene	0.53000 U	mg/kg
	Fluoranthene	0.02900 U	mg/kg
	Fluorene	0.53000 U	mg/kg
	Hexachlorobenzene	0.53000 U	mg/kg
	Hexachlorobutadiene	0.53000 U	mg/kg
	Hexachlorocyclopentadiene	0.53000 U	mg/kg
	Hexachloroethane	0.53000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.53000 U	mg/kg
	Isophorone	0.53000 U	mg/kg
	2-Methylnaphthalene	0.53000 U	mg/kg
	2-Methylphenol	0.53000 U	mg/kg
	4-Methylphenol	0.53000 U	mg/kg
	Naphthalene	0.53000 U	mg/kg
	2-Nitroaniline	1.30000 U	mg/kg
	3-Nitroaniline	1.30000 U	mg/kg
	4-Nitroaniline	1.30000 U	mg/kg
	Nitrobenzene	0.53000 U	mg/kg
	2-Nitrophenol	0.53000 U	mg/kg
	4-Nitrophenol	1.30000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.53000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.53000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.53000 U	mg/kg
	Pentachlorophenol	1.30000 U	mg/kg
	Phenanthrene	0.53000 U	mg/kg
	Phenol	0.53000 U	mg/kg
	Pyrene	0.03500 U	mg/kg
	1,2,4-Trichlorobenzene	0.53000 U	mg/kg
	2,4,5-Trichlorophenol	1.30000 U	mg/kg
	2,4,6-Trichlorophenol	0.53000 U	mg/kg
1D-A001 DL01	TCL Pesticides		
	Aldrin	0.00270 U	mg/kg
	Aroclor-1016	0.05300 U	mg/kg
	Aroclor-1221	0.11000 U	mg/kg
	Aroclor-1232	0.05300 U	mg/kg
	Aroclor-1242	0.05300 U	mg/kg
	Aroclor-1248	0.05300 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1254	0.05300 U	mg/kg
	Aroclor-1260	0.02900 J	mg/kg
	gamma-BHC (Lindane)	0.00270 U	mg/kg
	alpha-BHC	0.00270 U	mg/kg
	beta-BHC	0.00270 U	mg/kg
	delta-BHC	0.00270 U	mg/kg
	alpha-Chlordane	0.00036 J	mg/kg
	gamma-Chlordane	0.00046 J	mg/kg
	4,4'-DDD	0.00190 J	mg/kg
	4,4'-DDE	0.00200 J	mg/kg
	4,4'-DDT	0.00530 U	mg/kg
	Dieldrin	0.00530 U	mg/kg
	Endosulfan I	0.00270 U	mg/kg
	Endosulfan II	0.00530 U	mg/kg
	Endosulfan sulfate	0.00530 U	mg/kg
	Endrin	0.00530 U	mg/kg
	Endrin aldehyde	0.00530 U	mg/kg
	Endrin ketone	0.00076 J	mg/kg
	Heptachlor	0.00530 U	mg/kg
	Heptachlor epoxide	0.00270 U	mg/kg
	Methoxychlor	0.00270 U	mg/kg
	Toxaphene	0.02700 U	mg/kg
1D-A001 DL01	Wet Chemistry		
	TOC	6,370.00000	mg/kg
1D-A001 WL01	TAL Total Inorganics		
	Aluminum	96.80000 UC	µg/L
	Antimony	13.00000	µg/L
	Arsenic	37.30000	µg/L
	Barium	30.50000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	247,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	8.70000 UC	µg/L
	Iron	114.00000	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	44,100.00000	µg/L
	Manganese	140.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	944,000.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	310,000.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
	TAL Dissolved Inorganics		
	Aluminum	44.80000 UC	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Antimony	8.60000 UC	µg/L
	Arsenic	27.20000 —	µg/L
	Barium	30.90000 J	µg/L
	Beryllium	1.10000 UC	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	255,000.00000 —	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	9.70000 UC	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	45,900.00000 —	µg/L
	Manganese	141.00000 —	µg/L
	Mercury	0.20000 UC	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	1,000,000.00000 —	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	328,000.00000 —	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
1D-A001 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
1D-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a,h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	1.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
1D-A001 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 UJv	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
	Wet Chemistry		
	TOC	6,550.00000	µg/L
	TDS	6,070,000.00000	µg/L
	TSS	18,000.00000	µg/L
1R-A001 DL01	TAL Total Inorganics		
	Aluminum	14,000.00000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Antimony	1.30000	U mg/kg
	Arsenic	18.00000	mg/kg
	Barium	43.70000	mg/kg
	Beryllium	1.40000	mg/kg
	Cadmium	0.53000	U mg/kg
	Calcium	34,800.00000	mg/kg
	Chromium	22.80000	mg/kg
	Cobalt	3.70000	mg/kg
	Copper	28.40000	mg/kg
	Iron	24,300.00000	mg/kg
	Lead	16.00000	Jv mg/kg
	Magnesium	2,470.00000	mg/kg
	Manganese	198.00000	Jv mg/kg
	Mercury	0.18000	mg/kg
	Nickel	13.20000	mg/kg
	Potassium	7,020.00000	mg/kg
	Selenium	1.30000	U mg/kg
	Silver	0.79000	U mg/kg
	Sodium	1,120.00000	J mg/kg
	Thallium	1.80000	U mg/kg
	Vanadium	34.70000	mg/kg
	Zinc	37.60000	mg/kg
18-A001 DL01	TCL Volatiles		
	Acetone	0.01900	UJ mg/kg
	Benzene	0.01400	U mg/kg
	Bromodichloromethane	0.01400	U mg/kg
	Bromoform	0.01400	U mg/kg
	Bromomethane	0.01400	U mg/kg
	2-Butanone	0.01400	U mg/kg
	Carbon Disulfide	0.01400	U mg/kg
	Carbon Tetrachloride	0.01400	U mg/kg
	Chlorobenzene	0.01400	U mg/kg
	Chloroethane	0.01400	U mg/kg
	Chloroform	0.01400	U mg/kg
	Chloromethane	0.01400	U mg/kg
	Dibromochloromethane	0.01400	U mg/kg
	1,1-Dichloroethane	0.01400	U mg/kg
	1,2-Dichloroethane	0.01400	U mg/kg
	1,2-Dichloroethane (total)	0.01400	U mg/kg
	1,1-Dichloroethene	0.01400	U mg/kg
	1,2-Dichloropropane	0.01400	U mg/kg
	cis-1,3-Dichloropropene	0.01400	U mg/kg
	trans-1,3-Dichloropropene	0.01400	U mg/kg
	Ethylbenzene	0.01400	U mg/kg
	2-Hexanone	0.01400	U mg/kg
	4-Methyl-2-Pentanone	0.01400	U mg/kg
	Methylene Chloride	0.01400	U mg/kg
	Styrene	0.01400	U mg/kg
	1,1,2,2-Tetrachloroethane	0.01400	U mg/kg
	Tetrachloroethene	0.01400	U mg/kg
	Toluene	0.01400	U mg/kg
	1,1,1-Trichloroethane	0.01400	U mg/kg
	1,1,2-Trichloroethane	0.01400	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Trichloroethene	0.01400 U	mg/kg
	Vinyl Chloride	0.01400 U	mg/kg
	Xylene (total)	0.01400 U	mg/kg
1E-A001 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.44000 U	mg/kg
	Acenaphthylene	0.44000 U	mg/kg
	Anthracene	0.44000 U	mg/kg
	Benzo(a)anthracene	0.44000 U	mg/kg
	Benzo(a)pyrene	0.44000 U	mg/kg
	Benzo(b)fluoranthene	0.44000 U	mg/kg
	Benzo(g,h,i)perylene	0.44000 U	mg/kg
	Benzo(k)fluoranthene	0.44000 U	mg/kg
	bis(2-Chloroethoxy)Methane	0.44000 U	mg/kg
	bis(2-Chloroethyl)Ether	0.44000 U	mg/kg
	bis(2-Ethylhexyl)phthalate	0.03800 U	mg/kg
	4-Bromophenyl-phenylether	0.44000 U	mg/kg
	Butylbenzylphthalate	0.44000 U	mg/kg
	Carbazole	0.44000 U	mg/kg
	4-Chloro-3-Methylphenol	0.44000 U	mg/kg
	4-Chloroaniline	0.44000 U	mg/kg
	2-Chloronaphthalene	0.44000 U	mg/kg
	2-Chlorophenol	0.44000 U	mg/kg
	4-Chlorophenyl-phenylether	0.44000 U	mg/kg
	Chrysene	0.44000 U	mg/kg
	Di-n-butylphthalate	0.06400 U	mg/kg
	Di-n-octylphthalate	0.44000 U	mg/kg
	Dibenz(a,h)anthracene	0.44000 U	mg/kg
	Dibenzofuran	0.44000 U	mg/kg
	1,2-Dichlorobenzene	0.44000 U	mg/kg
	1,3-Dichlorobenzene	0.44000 U	mg/kg
	1,4-Dichlorobenzene	0.44000 U	mg/kg
	3,3'-Dichlorobenzidine	0.44000 U	mg/kg
	2,4-Dichlorophenol	0.44000 U	mg/kg
	Diethylphthalate	0.44000 U	mg/kg
	2,4-Dimethylphenol	0.44000 U	mg/kg
	Dimethylphthalate	0.44000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.10000 U	mg/kg
	2,4-Dinitrophenol	1.10000 U	mg/kg
	2,4-Dinitrotoluene	0.44000 U	mg/kg
	2,6-Dinitrotoluene	0.44000 U	mg/kg
	Fluoranthene	0.44000 U	mg/kg
	Fluorene	0.44000 U	mg/kg
	Hexachlorobenzene	0.44000 U	mg/kg
	Hexachlorobutadiene	0.44000 U	mg/kg
	Hexachlorocyclopentadiene	0.44000 U	mg/kg
	Hexachloroethane	0.44000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	0.44000 U	mg/kg
	Isophorone	0.44000 U	mg/kg
	2-Methylnaphthalene	0.44000 U	mg/kg
	2-Methylphenol	0.44000 U	mg/kg
	4-Methylphenol	0.44000 U	mg/kg
	Naphthalene	0.44000 U	mg/kg
	2-Nitroaniline	1.10000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	3-Nitroaniline	1.10000 U	mg/kg
	4-Nitroaniline	1.10000 U	mg/kg
	Nitrobenzene	0.44000 U	mg/kg
	2-Nitrophenol	0.44000 U	mg/kg
	4-Nitrophenol	1.10000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.44000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.44000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.44000 U	mg/kg
	Pentachlorophenol	1.10000 U	mg/kg
	Phenanthrene	0.44000 U	mg/kg
	Phenol	0.44000 U	mg/kg
	Pyrene	0.44000 U	mg/kg
	1,2,4-Trichlorobenzene	0.44000 U	mg/kg
	2,4,5-Trichlorophenol	1.10000 U	mg/kg
	2,4,6-Trichlorophenol	0.44000 U	mg/kg
1E-A001 DL01	TCL Pesticides		
	Aldrin	0.00230 U	mg/kg
	Aroclor-1016	0.04500 U	mg/kg
	Aroclor-1221	0.09100 U	mg/kg
	Aroclor-1232	0.04500 U	mg/kg
	Aroclor-1242	0.04500 U	mg/kg
	Aroclor-1248	0.04500 U	mg/kg
	Aroclor-1254	0.04500 U	mg/kg
	Aroclor-1260	0.04500 U	mg/kg
	gamma-BHC (Lindane)	0.00230 U	mg/kg
	alpha-BHC	0.00230 U	mg/kg
	beta-BHC	0.00230 U	mg/kg
	delta-BHC	0.00230 U	mg/kg
	alpha-Chlordane	0.00230 U	mg/kg
	gamma-Chlordane	0.00230 U	mg/kg
	4,4'-DDD	0.00450 U	mg/kg
	4,4'-DDE	0.00450 U	mg/kg
	4,4'-DDT	0.00450 U	mg/kg
	Dieldrin	0.00450 U	mg/kg
	Endosulfan I	0.00230 U	mg/kg
	Endosulfan II	0.00450 U	mg/kg
	Endosulfan sulfate	0.00450 U	mg/kg
	Endrin	0.00450 U	mg/kg
	Endrin aldehyde	0.00450 U	mg/kg
	Endrin ketone	0.00450 U	mg/kg
	Heptachlor	0.00230 U	mg/kg
	Heptachlor epoxide	0.00230 U	mg/kg
	Methoxychlor	0.02300 U	mg/kg
	Toxaphene	0.23000 U	mg/kg
	Wet Chemistry		
	TOC	3,840.00000	mg/kg
1E-A001 WL01	TAL Total Inorganics		
	Aluminum	75.40000 UC	µg/L
	Antimony	11.20000	µg/L
	Arsenic	37.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*
	Barium	52.90000 μg/L
	Beryllium	1.00000 U μg/L
	Cadmium	2.00000 U μg/L
	Calcium	143,000.00000 μg/L
	Chromium	5.00000 U μg/L
	Cobalt	2.00000 U μg/L
	Copper	14.50000 UC μg/L
	Iron	293.00000 μg/L
	Lead	3.00000 U μg/L
	Magnesium	20,200.00000 μg/L
	Manganese	410.00000 μg/L
	Mercury	0.20000 μg/L
	Nickel	10.00000 U μg/L
	Potassium	396,000.00000 μg/L
	Selenium	5.00000 U μg/L
	Silver	3.00000 U μg/L
	Sodium	134,000.00000 μg/L
	Thallium	7.00000 U μg/L
	Vanadium	2.00000 U μg/L
	Zinc	4.50000 μg/L
1R-A001 WL01	TAL Dissolved Inorganics	
	Aluminum	36.60000 UC μg/L
	Antimony	12.00000 UC μg/L
	Arsenic	36.30000 μg/L
	Barium	54.20000 U μg/L
	Beryllium	1.10000 UC μg/L
	Cadmium	2.00000 U μg/L
	Calcium	149,000.00000 μg/L
	Chromium	5.00000 U μg/L
	Cobalt	2.00000 U μg/L
	Copper	8.20000 UC μg/L
	Iron	60.00000 U μg/L
	Lead	3.00000 U μg/L
	Magnesium	21,600.00000 μg/L
	Manganese	427.00000 μg/L
	Mercury	0.33000 UC μg/L
	Nickel	10.00000 U μg/L
	Potassium	424,000.00000 μg/L
	Selenium	5.00000 U μg/L
	Silver	3.00000 U μg/L
	Sodium	142,000.00000 μg/L
	Thallium	7.00000 U μg/L
	Vanadium	2.00000 U μg/L
	Zinc	8.40000 μg/L
	TCL Volatiles	
	Acetone	10.00000 U μg/L
	Benzene	10.00000 U μg/L
	Bromodichloromethane	10.00000 U μg/L
	Bromoform	10.00000 U μg/L
	Bromomethane	10.00000 U μg/L
	2-Butanone	10.00000 U μg/L
	Carbon Disulfide	10.00000 U μg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
1E-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a,h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
1E-A001 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 UJv µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 UJv µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
1E-A001 WL01	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	5,700.00000	µg/L
	TDS	2,580,000.00000	µg/L
	TSS	6,000.00000	µg/L
1E-A002 DL01	TAL Total Inorganics		
	Aluminum	11,400.00000	mg/kg
	Antimony	1.50000 U	mg/kg
	Arsenic	16.20000	mg/kg
	Barium	70.40000	mg/kg
	Beryllium	0.93000	mg/kg
	Cadmium	0.59000 U	mg/kg
	Calcium	172,000.00000	mg/kg
	Chromium	23.30000	mg/kg
	Cobalt	6.40000	mg/kg
	Copper	36.80000	mg/kg
	Iron	15,600.00000	mg/kg
	Lead	92.90000 Jv	mg/kg
	Magnesium	2,430.00000	mg/kg
	Manganese	815.00000 Jv	mg/kg
	Mercury	0.15000 U	mg/kg
	Nickel	26.10000	mg/kg
	Potassium	7,160.00000	mg/kg
	Selenium	1.50000 U	mg/kg
	Silver	0.89000 U	mg/kg
	Sodium	1,290.00000 J	mg/kg
	Thallium	2.10000 U	mg/kg
	Vanadium	53.10000	mg/kg
	Zinc	80.50000	mg/kg
	TCL Volatiles		
	Acetone	0.01600 U	mg/kg
	Benzene	0.01600 U	mg/kg
	Bromodichloromethane	0.01600 U	mg/kg
	Bromoform	0.01600 U	mg/kg
	Bromomethane	0.01600 U	mg/kg
	2-Butanone	0.01600 U	mg/kg
	Carbon Disulfide	0.01600 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Carbon Tetrachloride	0.01600 U	mg/kg
	Chlorobenzene	0.01600 U	mg/kg
	Chloroethane	0.01600 U	mg/kg
	Chloroform	0.01600 U	mg/kg
	Chloromethane	0.01600 U	mg/kg
	Dibromochloromethane	0.01600 U	mg/kg
	1,1-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethene (total)	0.01600 U	mg/kg
	1,1-Dichloroethene	0.01600 U	mg/kg
	1,2-Dichloropropane	0.01600 U	mg/kg
	cis-1,3-Dichloropropene	0.01600 U	mg/kg
	trans-1,3-Dichloropropene	0.01600 U	mg/kg
	Ethylbenzene	0.01600 U	mg/kg
	2-Hexanone	0.01600 U	mg/kg
	4-Methyl-2-Pentanone	0.01600 U	mg/kg
	Methylene Chloride	0.01600 U	mg/kg
	Styrene	0.01600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg
1E-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.52000 U	mg/kg
	Acenaphthylene	0.52000 U	mg/kg
	Anthracene	0.52000 U	mg/kg
	Benzo (a) anthracene	0.52000 U	mg/kg
	Benzo (a) pyrene	0.52000 U	mg/kg
	Benzo (b) fluoranthene	0.03100 J	mg/kg
	Benzo (g, h, i) perylene	0.52000 U	mg/kg
	Benzo (k) fluoranthene	0.52000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.52000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.52000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.08300 J	mg/kg
	4-Bromophenyl-phenylether	0.52000 U	mg/kg
	Butylbenzylphthalate	0.52000 U	mg/kg
	Carbazole	0.52000 U	mg/kg
	4-Chloro-3-Methylphenol	0.52000 U	mg/kg
	4-Chloroaniline	0.52000 U	mg/kg
	2-Chloronaphthalene	0.52000 U	mg/kg
	2-Chlorophenol	0.52000 U	mg/kg
	4-Chlorophenyl-phenylether	0.52000 U	mg/kg
	Chrysene	0.03300 J	mg/kg
	Di-n-butylphthalate	0.04100 J	mg/kg
	Di-n-octylphthalate	0.52000 U	mg/kg
	Dibenz (a, h) anthracene	0.52000 U	mg/kg
	Dibenzofuran	0.52000 U	mg/kg
	1,2-Dichlorobenzene	0.52000 U	mg/kg
	1,3-Dichlorobenzene	0.52000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,4-Dichlorobenzene	0.52000 U	mg/kg
	3,3'-Dichlorobenzidine	0.52000 U	mg/kg
	2,4-Dichlorophenol	0.52000 U	mg/kg
	Diethylphthalate	0.52000 U	mg/kg
	2,4-Dimethylphenol	0.52000 U	mg/kg
	Dimethylphthalate	0.52000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.30000 U	mg/kg
	2,4-Dinitrophenol	1.30000 U	mg/kg
	2,4-Dinitrotoluene	0.52000 U	mg/kg
	2,6-Dinitrotoluene	0.52000 U	mg/kg
	Fluoranthene	0.03500 J	mg/kg
	Fluorene	0.52000 U	mg/kg
	Hexachlorobenzene	0.52000 U	mg/kg
	Hexachlorobutadiene	0.52000 U	mg/kg
	Hexachlorocyclopentadiene	0.52000 U	mg/kg
	Hexachloroethane	0.52000 U	mg/kg
	Indeno (1,2,3-cd)pyrene	0.52000 U	mg/kg
	Isophorone	0.52000 U	mg/kg
	2-Methylnaphthalene	0.52000 U	mg/kg
	2-Methylphenol	0.52000 U	mg/kg
	4-Methylphenol	0.52000 U	mg/kg
	Naphthalene	0.52000 U	mg/kg
	2-Nitroaniline	1.30000 U	mg/kg
	3-Nitroaniline	1.30000 U	mg/kg
	4-Nitroaniline	1.30000 U	mg/kg
	Nitrobenzene	0.52000 U	mg/kg
	2-Nitrophenol	0.52000 U	mg/kg
	4-Nitrophenol	1.30000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.52000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.52000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.52000 U	mg/kg
	Pentachlorophenol	1.30000 U	mg/kg
	Phenanthrene	0.52000 U	mg/kg
	Phenol	0.52000 U	mg/kg
	Pyrene	0.03600 J	mg/kg
	1,2,4-Trichlorobenzene	0.52000 U	mg/kg
	2,4,5-Trichlorophenol	1.30000 U	mg/kg
	2,4,6-Trichlorophenol	0.52000 U	mg/kg
1E-A002 DL01	TCL Pesticides		
	Aldrin	0.00270 U	mg/kg
	Aroclor-1016	0.05200 U	mg/kg
	Aroclor-1221	0.11000 U	mg/kg
	Aroclor-1232	0.05200 U	mg/kg
	Aroclor-1242	0.05200 U	mg/kg
	Aroclor-1248	0.05200 U	mg/kg
	Aroclor-1254	0.05200 U	mg/kg
	Aroclor-1260	0.02300 J	mg/kg
	gamma-BHC (Lindane)	0.00270 U	mg/kg
	alpha-BHC	0.00270 U	mg/kg
	beta-BHC	0.00270 U	mg/kg
	delta-BHC	0.00270 U	mg/kg
	alpha-Chlordane	0.00270 U	mg/kg
	gamma-Chlordane	0.00042 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*		
	4,4'-DDD	0.00230	J	mg/kg
	4,4'-DDE	0.00160	J	mg/kg
	4,4'-DDT	0.00520	U	mg/kg
	Dieldrin	0.00520	U	mg/kg
	Endosulfan I	0.00270	U	mg/kg
	Endosulfan II	0.00520	U	mg/kg
	Endosulfan sulfate	0.00520	U	mg/kg
	Endrin	0.00520	U	mg/kg
	Endrin aldehyde	0.00072	J	mg/kg
	Endrin ketone	0.00520	U	mg/kg
	Heptachlor	0.00270	U	mg/kg
	Heptachlor epoxide	0.00270	U	mg/kg
	Methoxychlor	0.02700	U	mg/kg
	Toxaphene	0.27000	U	mg/kg
1E-A002 DL01	Wet Chemistry			
	TOC	5,680.00000		mg/kg
1E-A002 WL01	TAL Total Inorganics			
	Aluminum	156.00000	UC	µg/L
	Antimony	12.90000		µg/L
	Arsenic	27.00000	J	µg/L
	Barium	49.40000		µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	178,000.00000		µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	9.30000	UC	µg/L
	Iron	280.00000		µg/L
	Lead	3.00000	U	µg/L
	Magnesium	26,600.00000		µg/L
	Manganese	216.00000		µg/L
	Mercury	0.20000		µg/L
	Nickel	10.00000	U	µg/L
	Potassium	556,000.00000		µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	175,000.00000		µg/L
	Thallium	7.00000	UC	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
	TAL Dissolved Inorganics			
	Aluminum	49.20000	UC	µg/L
	Antimony	14.60000	UC	µg/L
	Arsenic	31.60000		µg/L
	Barium	49.60000	J	µg/L
	Beryllium	1.10000	UC	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	179,000.00000		µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Copper	10.10000 UC	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	27,200.00000	µg/L
	Manganese	213.00000	µg/L
	Mercury	0.26000 UC	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	555,000.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	183,000.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
18-A002 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
	Benzo(a)anthracene	10.00000 U µg/L
	Benzo(a)pyrene	10.00000 U µg/L
	Benzo(b)fluoranthene	10.00000 U µg/L
	Benzo(g,h,i)perylene	10.00000 U µg/L
	Benzo(k)fluoranthene	10.00000 U µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U µg/L
	bis(2-Chloroethyl)Ether	10.00000 U µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz(a,h)anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
1E-A002 WL01	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
	TCL Pesticides		
	Aldrin		
	Aroclor-1016	0.05000 U	µg/L
	Aroclor-1221	1.00000 U	µg/L
	Aroclor-1232	2.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	1.00000 UJv	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.05000 U	µg/L
1E-A003 DL01	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.10000 U	µg/L
	Endosulfan II	0.05000 U	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.10000 UJv	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.05000 U	µg/L
	Toxaphene	0.50000 UJv	µg/L
		5.00000 UJv	µg/L
	Wet Chemistry		
	TOC	6,910.00000	µg/L
	TDS	2,870,000.00000	µg/L
	TSS	4,000.00000	µg/L
1E-A003 DL01	TAL Total Inorganics		
	Aluminum	11,200.00000	mg/kg
	Antimony	1.60000 U	mg/kg
	Arsenic	27.10000	mg/kg
	Barium	75.80000	mg/kg
	Beryllium	2.30000	mg/kg
	Cadmium	0.64000 U	mg/kg
	Calcium	42,700.00000	mg/kg
	Chromium	18.30000	mg/kg
	Cobalt	11.50000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Copper	28.20000	mg/kg
	Iron	45,700.00000	mg/kg
	Lead	28.20000	JV mg/kg
	Magnesium	2,270.00000	mg/kg
	Manganese	598.00000	JV mg/kg
	Mercury	0.27000	mg/kg
	Nickel	22.30000	mg/kg
	Potassium	10,800.00000	mg/kg
	Selenium	1.60000	mg/kg
	Silver	0.96000	U mg/kg
	Sodium	2,360.00000	J mg/kg
	Thallium	2.30000	U mg/kg
	Vanadium	37.00000	mg/kg
	Zinc	95.80000	mg/kg
1E-A003 DL01	TCL Volatiles		
	Acetone	0.01700	U mg/kg
	Benzene	0.01500	U mg/kg
	Bromodichloromethane	0.01500	U mg/kg
	Bromoform	0.01500	U mg/kg
	Bromomethane	0.01500	U mg/kg
	2-Butanone	0.01500	U mg/kg
	Carbon Disulfide	0.01500	U mg/kg
	Carbon Tetrachloride	0.01500	U mg/kg
	Chlorobenzene	0.01500	U mg/kg
	Chloroethane	0.01500	U mg/kg
	Chloroform	0.01500	U mg/kg
	Chloromethane	0.01500	U mg/kg
	Dibromochloromethane	0.01500	U mg/kg
	1,1-Dichloroethane	0.01500	U mg/kg
	1,2-Dichloroethane	0.01500	U mg/kg
	1,2-Dichloroethene (total)	0.01500	U mg/kg
	1,1-Dichloroethene	0.01500	U mg/kg
	1,2-Dichloropropane	0.01500	U mg/kg
	cis-1,3-Dichloropropene	0.01500	U mg/kg
	trans-1,3-Dichloropropene	0.01500	U mg/kg
	Ethylbenzene	0.01500	U mg/kg
	2-Hexanone	0.01500	U mg/kg
	4-Methyl-2-Pentanone	0.01500	U mg/kg
	Methylene Chloride	0.01500	U mg/kg
	Styrene	0.01500	U mg/kg
	1,1,2,2-Tetrachloroethane	0.01500	U mg/kg
	Tetrachloroethene	0.01500	U mg/kg
	Toluene	0.01500	U mg/kg
	1,1,1-Trichloroethane	0.01500	U mg/kg
	1,1,2-Trichloroethane	0.01500	U mg/kg
	Trichloroethene	0.01500	U mg/kg
	Vinyl Chloride	0.01500	U mg/kg
	Xylene (total)	0.01500	U mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.48000	U mg/kg
	Acenaphthylene	0.48000	U mg/kg
	Anthracene	0.48000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Benzo(a)anthracene	0.48000 U mg/kg
	Benzo(a)pyrene	0.48000 U mg/kg
	Benzo(b)fluoranthene	0.02900 JF+ mg/kg
	Benzo(g,h,i)perylene	0.48000 U mg/kg
	Benzo(k)fluoranthene	0.48000 U mg/kg
	bis(2-Chloroethoxy)Methane	0.48000 U mg/kg
	bis(2-Chloroethyl)Ether	0.48000 U mg/kg
	bis(2-Ethylhexyl)phthalate	0.48000 U mg/kg
	4-Bromophenyl-phenylether	0.05900 J mg/kg
	Butylbenzylphthalate	0.48000 U mg/kg
	Carbazole	0.48000 U mg/kg
	4-Chloro-3-Methylphenol	0.48000 U mg/kg
	4-Chloroaniline	0.48000 U mg/kg
	2-Chloronaphthalene	0.48000 U mg/kg
	2-Chlorophenol	0.48000 U mg/kg
	4-Chlorophenyl-phenylether	0.48000 U mg/kg
	Chrysene	0.48000 U mg/kg
	Di-n-butylphthalate	0.02700 J mg/kg
	Di-n-octylphthalate	0.03200 J mg/kg
	Dibenz(a,h)anthracene	0.48000 U mg/kg
	Dibenzofuran	0.48000 U mg/kg
	1,2-Dichlorobenzene	0.48000 U mg/kg
	1,3-Dichlorobenzene	0.48000 U mg/kg
	1,4-Dichlorobenzene	0.48000 U mg/kg
	3,3'-Dichlorobenzidine	0.48000 U mg/kg
	2,4-Dichlorophenol	0.48000 U mg/kg
	Diethylphthalate	0.48000 U mg/kg
	2,4-Dimethylphenol	0.48000 U mg/kg
	Dimethylphthalate	0.48000 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.48000 U mg/kg
	2,4-Dinitrophenol	1.20000 U mg/kg
	2,4-Dinitrotoluene	1.20000 U mg/kg
	2,6-Dinitrotoluene	0.48000 U mg/kg
	Fluoranthene	0.48000 U mg/kg
	Fluorene	0.48000 U mg/kg
	Hexachlorobenzene	0.48000 U mg/kg
	Hexachlorobutadiene	0.48000 U mg/kg
	Hexachlorocyclopentadiene	0.48000 U mg/kg
	Hexachloroethane	0.48000 U mg/kg
	Indeno(1,2,3-cd)pyrene	0.48000 U mg/kg
	Isophorone	0.48000 U mg/kg
	2-Methylnaphthalene	0.48000 U mg/kg
	2-Methylphenol	0.48000 U mg/kg
	4-Methylphenol	0.48000 U mg/kg
	Naphthalene	0.48000 U mg/kg
	2-Nitroaniline	0.48000 U mg/kg
	3-Nitroaniline	1.20000 U mg/kg
	4-Nitroaniline	1.20000 U mg/kg
	Nitrobenzene	1.20000 U mg/kg
	2-Nitrophenol	0.48000 U mg/kg
	4-Nitrophenol	0.48000 U mg/kg
	N-Nitroso-di-n-propylamine	1.20000 U mg/kg
	N-Nitrosodiphenylamine (1)	0.48000 U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.48000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
1E-A003 DL01	Pentachlorophenol	1.20000 U	mg/kg
	Phenanthrene	0.48000 U	mg/kg
	Phenol	0.48000 U	mg/kg
	Pyrene	0.48000 U	mg/kg
	1,2,4-Trichlorobenzene	0.48000 U	mg/kg
	2,4,5-Trichlorophenol	1.20000 U	mg/kg
	2,4,6-Trichlorophenol	0.48000 U	mg/kg
	TCL Pesticides		
	Aldrin	0.00250 U	mg/kg
	Aroclor-1016	0.04800 U	mg/kg
	Aroclor-1221	0.09800 U	mg/kg
	Aroclor-1232	0.04800 U	mg/kg
	Aroclor-1242	0.04800 U	mg/kg
	Aroclor-1248	0.04800 U	mg/kg
	Aroclor-1254	0.04800 U	mg/kg
	Aroclor-1260	0.04800 U	mg/kg
	gamma-BHC (Lindane)	0.00250 U	mg/kg
	alpha-BHC	0.00250 U	mg/kg
	beta-BHC	0.00250 U	mg/kg
	delta-BHC	0.00250 U	mg/kg
	alpha-Chlordane	0.00250 U	mg/kg
	gamma-Chlordane	0.00250 U	mg/kg
	4,4'-DDD	0.00480 U	mg/kg
	4,4'-DDE	0.00480 U	mg/kg
	4,4'-DDT	0.00053 U	mg/kg
1E-A003 WL01	Dieldrin	0.00480 U	mg/kg
	Endosulfan I	0.00250 U	mg/kg
	Endosulfan II	0.00480 U	mg/kg
	Endosulfan sulfate	0.00480 U	mg/kg
	Endrin	0.00480 U	mg/kg
	Endrin aldehyde	0.00480 U	mg/kg
	Endrin ketone	0.00480 U	mg/kg
	Heptachlor	0.00250 U	mg/kg
	Heptachlor epoxide	0.00250 U	mg/kg
	Methoxychlor	0.02500 U	mg/kg
	Toxaphene	0.25000 U	mg/kg
	Wet Chemistry		
	TOC	2,400.00000	mg/kg
	TAL Total Inorganics		
	Aluminum	113.00000 UC	µg/L
	Antimony	9.90000	µg/L
	Arsenic	31.50000	µg/L
	Barium	42.80000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	192,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	17.80000 UC	µg/L
	Iron	208.00000	µg/L

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* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*		
	Lead	3.00000	U	µg/L
	Magnesium	30,600.00000	—	µg/L
	Manganese	193.00000	—	µg/L
	Mercury	0.26000	UC	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	663,000.00000	—	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	208,000.00000	—	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
1E-A003 WL01	TAL Dissolved Inorganics			
	Aluminum	44.10000	UC	µg/L
	Antimony	15.00000	UC	µg/L
	Arsenic	33.50000	—	µg/L
	Barium	44.00000	J	µg/L
	Beryllium	1.10000	UC	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	195,000.00000	—	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	9.30000	UC	µg/L
	Iron	60.00000	U	µg/L
	Lead	3.00000	U	µg/L
	Magnesium	31,200.00000	—	µg/L
	Manganese	200.00000	—	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	672,000.00000	—	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	214,000.00000	—	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
	TCL Volatiles			
	Acetone	3.00000	J	µg/L
	Benzene	10.00000	U	µg/L
	Bromodichloromethane	10.00000	U	µg/L
	Bromoform	10.00000	U	µg/L
	Bromomethane	10.00000	U	µg/L
	2-Butanone	10.00000	U	µg/L
	Carbon Disulfide	10.00000	U	µg/L
	Carbon Tetrachloride	10.00000	U	µg/L
	Chlorobenzene	10.00000	U	µg/L
	Chloroethane	10.00000	U	µg/L
	Chloroform	10.00000	U	µg/L
	Chloromethane	10.00000	U	µg/L
	Dibromochloromethane	10.00000	U	µg/L
	1,1-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethane	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
1E-A003 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
1E-A003 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	1.00000 UJv µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 U µg/L
	4,4'-DDD	0.10000 UJv µg/L
	4,4'-DDE	0.10000 U µg/L
	4,4'-DDT	0.10000 UJv µg/L
	Dieldrin	0.10000 U µg/L
	Endosulfan I	0.05000 U µg/L
	Endosulfan II	0.10000 UJv µg/L
	Endosulfan sulfate	0.10000 UJv µg/L
	Endrin	0.10000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Endrin aldehyde	0.10000	UJv	µg/L
	Endrin ketone	0.10000	UJv	µg/L
	Heptachlor	0.05000	U	µg/L
	Heptachlor epoxide	0.05000	U	µg/L
	Methoxychlor	0.50000	UJv	µg/L
	Toxaphene	5.00000	UJv	µg/L
1E-A003 WL01	Wet Chemistry			
	TOC	5,800.00000	-	µg/L
	TDS	2,880,000.00000	-	µg/L
	TSS	8,000.00000	-	µg/L
3B-A001 DL01	TAL Total Inorganics			
	Aluminum	20,200.00000	J	mg/kg
	Antimony	1.50000	U	mg/kg
	Arsenic	11.00000	J	mg/kg
	Barium	103.00000	-	mg/kg
	Beryllium	1.90000	-	mg/kg
	Cadmium	0.58000	U	mg/kg
	Calcium	57,100.00000	-	mg/kg
	Chromium	34.50000	-	mg/kg
	Cobalt	12.00000	-	mg/kg
	Copper	35.70000	UC	mg/kg
	Iron	33,800.00000	-	mg/kg
	Lead	27.60000	UCJv	mg/kg
	Magnesium	4,080.00000	-	mg/kg
	Manganese	487.00000	-	mg/kg
	Mercury	0.15000	U	mg/kg
	Nickel	33.30000	-	mg/kg
	Potassium	4,610.00000	-	mg/kg
	Selenium	1.50000	U	mg/kg
	Silver	0.87000	U	mg/kg
	Sodium	1,540.00000	J	mg/kg
	Thallium	2.00000	U	mg/kg
	Vanadium	49.20000	-	mg/kg
	Zinc	82.50000	J	mg/kg
	TCL Volatiles			
	Acetone	0.02400	UJ	mg/kg
	Benzene	0.01600	U	mg/kg
	Bromodichloromethane	0.01600	U	mg/kg
	Bromoform	0.01600	U	mg/kg
	Bromomethane	0.01600	U	mg/kg
	2-Butanone	0.01600	U	mg/kg
	Carbon Disulfide	0.01600	U	mg/kg
	Carbon Tetrachloride	0.01600	U	mg/kg
	Chlorobenzene	0.01600	U	mg/kg
	Chloroethane	0.01600	U	mg/kg
	Chloroform	0.01600	U	mg/kg
	Chloromethane	0.01600	U	mg/kg
	Dibromochloromethane	0.01600	U	mg/kg
	1,1-Dichloroethane	0.01600	U	mg/kg
	1,2-Dichloroethane	0.01600	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichloroethene (total)	0.01600 U	mg/kg
	1,1-Dichloroethene	0.01600 U	mg/kg
	1,2-Dichloropropane	0.01600 U	mg/kg
	cis-1,3-Dichloropropene	0.01600 U	mg/kg
	trans-1,3-Dichloropropene	0.01600 U	mg/kg
	Ethylbenzene	0.01600 U	mg/kg
	2-Hexanone	0.01600 U	mg/kg
	4-Methyl-2-Pentanone	0.01600 U	mg/kg
	Methylene Chloride	0.01600 U	mg/kg
	Styrene	0.01600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg
3B-A001 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.50000 U	mg/kg
	Acenaphthylene	0.50000 U	mg/kg
	Anthracene	0.50000 U	mg/kg
	Benzo (a) anthracene	0.50000 U	mg/kg
	Benzo (a) pyrene	0.50000 U	mg/kg
	Benzo (b) fluoranthene	0.50000 U	mg/kg
	Benzo (g,h,i) perylene	0.50000 U	mg/kg
	Benzo (k) fluoranthene	0.50000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.50000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.50000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.50000 U	mg/kg
	4-Bromophenyl-phenylether	0.08300 U	mg/kg
	Butylbenzylphthalate	0.50000 U	mg/kg
	Carbazole	0.50000 U	mg/kg
	4-Chloro-3-Methylphenol	0.50000 U	mg/kg
	4-Chloroaniline	0.50000 U	mg/kg
	2-Chloronaphthalene	0.50000 U	mg/kg
	2-Chlorophenol	0.50000 U	mg/kg
	4-Chlorophenyl-phenylether	0.50000 U	mg/kg
	Chrysene	0.50000 U	mg/kg
	Di-n-butylphthalate	0.50000 U	mg/kg
	Di-n-octylphthalate	0.50000 U	mg/kg
	Dibenz (a,h) anthracene	0.50000 U	mg/kg
	Dibenzofuran	0.50000 U	mg/kg
	1,2-Dichlorobenzene	0.50000 U	mg/kg
	1,3-Dichlorobenzene	0.50000 U	mg/kg
	1,4-Dichlorobenzene	0.50000 U	mg/kg
	3,3'-Dichlorobenzidine	0.50000 U	mg/kg
	2,4-Dichlorophenol	0.50000 U	mg/kg
	Diethylphthalate	0.50000 U	mg/kg
	2,4-Dimethylphenol	0.50000 U	mg/kg
	Dimethylphthalate	0.50000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.20000 U	mg/kg
	2,4-Dinitrophenol	1.20000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dinitrotoluene	0.50000 U	mg/kg
	2,6-Dinitrotoluene	0.50000 U	mg/kg
	Fluoranthene	0.50000 U	mg/kg
	Fluorene	0.50000 U	mg/kg
	Hexachlorobenzene	0.50000 U	mg/kg
	Hexachlorobutadiene	0.50000 U	mg/kg
	Hexachlorocyclopentadiene	0.50000 U	mg/kg
	Hexachloroethane	0.50000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	0.50000 U	mg/kg
	Isophorone	0.50000 U	mg/kg
	2-Methylnaphthalene	0.02500 U	mg/kg
	2-Methylphenol	0.50000 U	mg/kg
	4-Methylphenol	0.50000 U	mg/kg
	Naphthalene	0.50000 U	mg/kg
	2-Nitroaniline	1.20000 U	mg/kg
	3-Nitroaniline	1.20000 U	mg/kg
	4-Nitroaniline	1.20000 U	mg/kg
	Nitrobenzene	0.50000 U	mg/kg
	2-Nitrophenol	0.50000 U	mg/kg
	4-Nitrophenol	1.20000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.50000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.50000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.50000 U	mg/kg
	Pentachlorophenol	1.20000 U	mg/kg
	Phenanthrene	0.50000 U	mg/kg
	Phenol	0.50000 U	mg/kg
	Pyrene	0.50000 U	mg/kg
	1,2,4-Trichlorobenzene	0.50000 U	mg/kg
	2,4,5-Trichlorophenol	1.20000 U	mg/kg
	2,4,6-Trichlorophenol	0.50000 U	mg/kg
3B-A001 DL01	TCL Pesticides		
	Aldrin	0.00520 U	mg/kg
	Aroclor-1016	0.10000 U	mg/kg
	Aroclor-1221	0.20000 U	mg/kg
	Aroclor-1232	0.10000 U	mg/kg
	Aroclor-1242	0.10000 U	mg/kg
	Aroclor-1248	0.10000 U	mg/kg
	Aroclor-1254	0.10000 U	mg/kg
	Aroclor-1260	0.10000 U	mg/kg
	gamma-BHC (Lindane)	0.00520 U	mg/kg
	alpha-BHC	0.00520 U	mg/kg
	beta-BHC	0.00520 U	mg/kg
	delta-BHC	0.00520 U	mg/kg
	alpha-Chlordane	0.00520 U	mg/kg
	gamma-Chlordane	0.00520 U	mg/kg
	4,4'-DDD	0.01000 U	mg/kg
	4,4'-DDE	0.01000 U	mg/kg
	4,4'-DDT	0.01000 U	mg/kg
	Dieldrin	0.01000 U	mg/kg
	Endosulfan I	0.00520 U	mg/kg
	Endosulfan II	0.01000 U	mg/kg
	Endosulfan sulfate	0.01000 U	mg/kg
	Endrin	0.01000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3B-A001 DL01	Endrin aldehyde	0.01000 U	mg/kg
	Endrin ketone	0.01000 U	mg/kg
	Heptachlor	0.00520 U	mg/kg
	Heptachlor epoxide	0.00520 U	mg/kg
	Methoxychlor	0.05200 U	mg/kg
	Toxaphene	0.52000 U	mg/kg
	TCLP Inorganics		
	Arsenic	0.00220 UW	mg/L
	Barium	1.22000 E	mg/L
	Cadmium	0.00440 U	mg/L
	Chromium	0.00570 U	mg/L
	Lead	0.00360 BW	mg/L
	Mercury	0.00020 U	mg/L
	Selenium	0.02700 UW	mg/L
	Silver	0.00450 U	mg/L
	TCLP Volatiles		
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L
	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 U	mg/L
	3-Methylphenol	0.18000 U	mg/L
	4-Methylphenol	0.18000 U	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 U	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 U	mg/L
	2,4,6-Trichlorophenol	0.12000 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
3B-A001 WL01	TAL Total Inorganics	
	Aluminum	1,990.00000 J µg/L
	Antimony	9.10000 µg/L
	Arsenic	16.60000 J µg/L
	Barium	565.00000 J µg/L
	Beryllium	4.90000 UC µg/L
	Cadmium	2.00000 U µg/L
	Calcium	148,000.00000 µg/L
	Chromium	5.70000 µg/L
	Cobalt	3.10000 µg/L
	Copper	35.00000 UC µg/L
	Iron	43,400.00000 J µg/L
	Lead	125.00000 µg/L
	Magnesium	47,500.00000 µg/L
	Manganese	254.00000 µg/L
	Mercury	0.20000 U µg/L
	Nickel	12.90000 µg/L
	Potassium	164,000.00000 µg/L
	Selenium	5.00000 U µg/L
	Silver	3.00000 U µg/L
	Sodium	342,000.00000 J µg/L
	Thallium	7.00000 U µg/L
	Vanadium	8.00000 µg/L
	Zinc	39.80000 µg/L
	TAL Dissolved Inorganics	
	Aluminum	44.40000 UC µg/L
	Antimony	25.00000 U µg/L
	Arsenic	137.00000 J µg/L
	Barium	277.00000 µg/L
	Beryllium	1.00000 U µg/L
	Cadmium	2.00000 U µg/L
	Calcium	106,000.00000 µg/L
	Chromium	5.00000 U µg/L
	Cobalt	2.00000 U µg/L
	Copper	10.60000 µg/L
	Iron	287.00000 µg/L
	Lead	3.00000 U µg/L
	Magnesium	37,500.00000 µg/L
	Manganese	134.00000 µg/L
	Mercury	0.20000 U µg/L
	Nickel	10.00000 U µg/L
	Potassium	150,000.00000 µg/L
	Selenium	5.00000 U µg/L
	Silver	3.00000 U µg/L
	Sodium	309,000.00000 µg/L
	Thallium	7.00000 U µg/L
	Vanadium	2.00000 U µg/L
	Zinc	4.00000 U µg/L
	TCL Volatiles	
	Acetone	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3B-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	4.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
3B-A001 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 UJV µg/L
	Aroclor-1248	1.00000 UJV µg/L
	Aroclor-1254	1.00000 UJV µg/L
	Aroclor-1260	1.00000 UJV µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	gamma-BHC (Lindane)	0.05000	U	µg/L
	alpha-BHC	0.00770	J	µg/L
	beta-BHC	0.05000	U	µg/L
	delta-BHC	0.05000	U	µg/L
	alpha-Chlordane	0.05000	UJv	µg/L
	gamma-Chlordane	0.01000	J	µg/L
	4,4'-DDD	0.10000	UJv	µg/L
	4,4'-DDE	0.10000	UJv	µg/L
	4,4'-DDT	0.10000	UJv	µg/L
	Dieldrin	0.10000	UJv	µg/L
	Endosulfan I	0.05000	UJv	µg/L
	Endosulfan II	0.10000	UJv	µg/L
	Endosulfan sulfate	0.10000	UJv	µg/L
	Endrin	0.10000	UJv	µg/L
	Endrin aldehyde	0.10000	UJv	µg/L
	Endrin ketone	0.10000	UJv	µg/L
	Heptachlor	0.10000	UJv	µg/L
	Heptachlor epoxide	0.05000	U	µg/L
	Methoxychlor	0.01000	J	µg/L
	Toxaphene	0.50000	UJv	µg/L
		5.00000	UJv	µg/L
3B-A001 WL01	Wet Chemistry			
	TOC	75,900.00000	-	µg/L
	TDS	1,910,000.00000	-	µg/L
	TSS	2,380,000.00000	-	µg/L
3B-A002 DL01	TAL Total Inorganics			
	Aluminum	16,600.00000	J	mg/kg
	Antimony	1.80000	U	mg/kg
	Arsenic	9.50000	-	mg/kg
	Barium	84.90000	-	mg/kg
	Beryllium	1.60000	-	mg/kg
	Cadmium	0.73000	U	mg/kg
	Calcium	94,700.00000	-	mg/kg
	Chromium	27.90000	-	mg/kg
	Cobalt	8.80000	-	mg/kg
	Copper	43.40000	UC	mg/kg
	Iron	26,300.00000	-	mg/kg
	Lead	90.80000	-	mg/kg
	Magnesium	3,980.00000	Jv	mg/kg
	Manganese	296.00000	-	mg/kg
	Mercury	0.18000	U	mg/kg
	Nickel	28.30000	-	mg/kg
	Potassium	4,520.00000	-	mg/kg
	Selenium	1.80000	U	mg/kg
	Silver	1.10000	U	mg/kg
	Sodium	1,130.00000	J	mg/kg
	Thallium	2.50000	-	mg/kg
	Vanadium	36.30000	-	mg/kg
	Zinc	118.00000	-	mg/kg
	TCL Volatiles			
	Acetone	0.02600	UJ	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Benzene	0.01700 U	mg/kg
	Bromodichloromethane	0.01700 U	mg/kg
	Bromoform	0.01700 U	mg/kg
	Bromomethane	0.01700 U	mg/kg
	2-Butanone	0.01700 U	mg/kg
	Carbon Disulfide	0.01700 U	mg/kg
	Carbon Tetrachloride	0.01700 U	mg/kg
	Chlorobenzene	0.01700 U	mg/kg
	Chloroethane	0.01700 U	mg/kg
	Chloroform	0.01700 U	mg/kg
	Chloromethane	0.01700 U	mg/kg
	Dibromochloromethane	0.01700 U	mg/kg
	1,1-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethene (total)	0.01700 U	mg/kg
	1,1-Dichloroethene	0.01700 U	mg/kg
	1,2-Dichloropropane	0.01700 U	mg/kg
	cis-1,3-Dichloropropene	0.01700 U	mg/kg
	trans-1,3-Dichloropropene	0.01700 U	mg/kg
	Ethylbenzene	0.01700 U	mg/kg
	2-Hexanone	0.01700 U	mg/kg
	4-Methyl-2-Pentanone	0.01700 U	mg/kg
	Methylene Chloride	0.01700 U	mg/kg
	Styrene	0.01700 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01700 U	mg/kg
	Tetrachloroethene	0.01700 U	mg/kg
	Toluene	0.01700 U	mg/kg
	1,1,1-Trichloroethane	0.01700 U	mg/kg
	1,1,2-Trichloroethane	0.01700 U	mg/kg
	Trichloroethene	0.01700 U	mg/kg
	Vinyl Chloride	0.01700 U	mg/kg
	Xylene (total)	0.01700 U	mg/kg
3B-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.54000 U	mg/kg
	Acenaphthylene	0.54000 U	mg/kg
	Anthracene	0.54000 U	mg/kg
	Benzo (a) anthracene	0.54000 U	mg/kg
	Benzo (a) pyrene	0.54000 U	mg/kg
	Benzo (b) fluoranthene	0.54000 U	mg/kg
	Benzo (g,h,i) perylene	0.54000 U	mg/kg
	Benzo (k) fluoranthene	0.54000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.54000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.08000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.18000 U	mg/kg
	4-Bromophenyl-phenylether	0.54000 U	mg/kg
	Butylbenzylphthalate	0.54000 U	mg/kg
	Carbazole	0.54000 U	mg/kg
	4-Chloro-3-Methylphenol	0.54000 U	mg/kg
	4-Chloroaniline	0.54000 U	mg/kg
	2-Chloronaphthalene	0.54000 U	mg/kg
	2-Chlorophenol	0.54000 U	mg/kg
	4-Chlorophenyl-phenylether	0.54000 U	mg/kg
	Chrysene	0.54000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Di-n-butylphthalate	0.54000	U mg/kg
	Di-n-octylphthalate	0.54000	U mg/kg
	Dibenz (a, h) anthracene	0.54000	U mg/kg
	Dibenzofuran	0.54000	U mg/kg
	1,2-Dichlorobenzene	0.54000	U mg/kg
	1,3-Dichlorobenzene	0.54000	U mg/kg
	1,4-Dichlorobenzene	0.54000	U mg/kg
	3,3'-Dichlorobenzidine	0.54000	U mg/kg
	2,4-Dichlorophenol	0.54000	U mg/kg
	Diethylphthalate	0.54000	U mg/kg
	2,4-Dimethylphenol	0.54000	U mg/kg
	Dimethylphthalate	0.54000	U mg/kg
	4,6-Dinitro-2-Methylphenol	1.30000	U mg/kg
	2,4-Dinitrophenol	1.30000	U mg/kg
	2,4-Dinitrotoluene	0.54000	U mg/kg
	2,6-Dinitrotoluene	0.54000	U mg/kg
	Fluoranthene	0.03100	U mg/kg
	Fluorene	0.54000	U mg/kg
	Hexachlorobenzene	0.54000	U mg/kg
	Hexachlorobutadiene	0.54000	U mg/kg
	Hexachlorocyclopentadiene	0.54000	U mg/kg
	Hexachloroethane	0.54000	U mg/kg
	Indeno (1,2,3-cd) pyrene	0.54000	U mg/kg
	Isophorone	0.54000	U mg/kg
	2-Methylnaphthalene	0.54000	U mg/kg
	2-Methylphenol	0.54000	U mg/kg
	4-Methylphenol	0.54000	U mg/kg
	Naphthalene	0.54000	U mg/kg
	2-Nitroaniline	1.30000	U mg/kg
	3-Nitroaniline	1.30000	U mg/kg
	4-Nitroaniline	1.30000	U mg/kg
	Nitrobenzene	0.54000	U mg/kg
	2-Nitrophenol	0.54000	U mg/kg
	4-Nitrophenol	1.30000	U mg/kg
	N-Nitroso-di-n-propylamine	0.54000	U mg/kg
	N-Nitrosodiphenylamine (1)	0.54000	U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.54000	U mg/kg
	Pentachlorophenol	1.30000	U mg/kg
	Phenanthrene	0.54000	U mg/kg
	Phenol	0.54000	U mg/kg
	Pyrene	0.04300	U mg/kg
	1,2,4-Trichlorobenzene	0.54000	U mg/kg
	2,4,5-Trichlorophenol	1.30000	U mg/kg
	2,4,6-Trichlorophenol	0.54000	U mg/kg
3B-A002 DL01	TCL Pesticides		
	Aldrin	0.00280	U mg/kg
	Aroclor-1016	0.05400	U mg/kg
	Aroclor-1221	0.11000	U mg/kg
	Aroclor-1232	0.05400	U mg/kg
	Aroclor-1242	0.05400	U mg/kg
	Aroclor-1248	0.05400	U mg/kg
	Aroclor-1254	0.05400	U mg/kg
	Aroclor-1260	0.05400	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	gamma-BHC (Lindane)	0.00280 U mg/kg
	alpha-BHC	0.00280 U mg/kg
	beta-BHC	0.00280 U mg/kg
	delta-BHC	0.00280 U mg/kg
	alpha-Chlordane	0.00320 mg/kg
	gamma-Chlordane	0.01600 mg/kg
	4,4'-DDD	0.00540 U mg/kg
	4,4'-DDE	0.00540 U mg/kg
	4,4'-DDT	0.00540 U mg/kg
	Dieldrin	0.00540 U mg/kg
	Endosulfan I	0.00280 U mg/kg
	Endosulfan II	0.00540 U mg/kg
	Endosulfan sulfate	0.00540 U mg/kg
	Endrin	0.00540 U mg/kg
	Endrin aldehyde	0.00540 U mg/kg
	Endrin ketone	0.00540 U mg/kg
	Heptachlor	0.01600 U mg/kg
	Heptachlor epoxide	0.00140 J mg/kg
	Methoxychlor	0.02800 U mg/kg
	Toxaphene	0.28000 U mg/kg

3B-A002 WL01	TAL Total Inorganics	
	Aluminum	493.00000 J µg/L
	Antimony	5.00000 U µg/L
	Arsenic	7.00000 U µg/L
	Barium	26.60000 J µg/L
	Beryllium	1.00000 U µg/L
	Cadmium	2.00000 U µg/L
	Calcium	67,000.00000 µg/L
	Chromium	5.00000 U µg/L
	Cobalt	2.00000 U µg/L
	Copper	33.40000 U µg/L
	Iron	558.00000 J µg/L
	Lead	11.40000 U µg/L
	Magnesium	5,040.00000 µg/L
	Manganese	24.60000 µg/L
	Mercury	0.20000 U µg/L
	Nickel	10.00000 U µg/L
	Potassium	3,930.00000 µg/L
	Selenium	5.00000 U µg/L
	Silver	3.00000 U µg/L
	Sodium	14,600.00000 J µg/L
	Thallium	7.00000 U µg/L
	Vanadium	2.00000 U µg/L
	Zinc	18.50000 U µg/L
	TAL Dissolved Inorganics	
	Aluminum	26.00000 UC µg/L
	Antimony	6.80000 U µg/L
	Arsenic	7.00000 UJ µg/L
	Barium	25.60000 U µg/L
	Beryllium	1.30000 U µg/L
	Cadmium	2.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Calcium	57,500.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	19.10000	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	4,700.00000	µg/L
	Manganese	11.20000 UC	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	4,480.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	15,700.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
3B-A002 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
3B-A002 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo(a)anthracene	10.00000 U	µg/L
	Benzo(a)pyrene	10.00000 U	µg/L
	Benzo(b)fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i)perylene	10.00000 U	µg/L
	Benzo(k)fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl)Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine. (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3B-A002 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 UJv	µg/L
	Aroclor-1248	1.00000 UJv	µg/L
	Aroclor-1254	1.00000 UJv	µg/L
	Aroclor-1260	1.00000 UJv	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 UJv	µg/L
	gamma-Chlordane	0.05000 UJv	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.05000 UJv	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 UJv	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
	Wet Chemistry		
	TOC	11,200.00000	µg/L
	TDS	338,000.00000	µg/L
	TSS	790,000.00000	µg/L
3B-A003 DL01	TAL Total Inorganics		
	Aluminum	12,500.00000 J	mg/kg
	Antimony	1.50000 U	mg/kg
	Arsenic	15.70000	mg/kg
	Barium	71.10000	mg/kg
	Beryllium	2.50000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Cadmium	0.61000 U	mg/kg
	Calcium	29,800.00000	mg/kg
	Chromium	24.80000	mg/kg
	Cobalt	12.90000	mg/kg
	Copper	36.00000 UC	mg/kg
	Iron	57,400.00000	mg/kg
	Lead	139.00000 JV	mg/kg
	Magnesium	2,580.00000	mg/kg
	Manganese	1,170.00000	mg/kg
	Mercury	0.31000	mg/kg
	Nickel	30.60000	mg/kg
	Potassium	2,750.00000	mg/kg
	Selenium	1.50000 U	mg/kg
	Silver	0.91000 U	mg/kg
	Sodium	1,270.00000 J	mg/kg
	Thallium	2.10000 U	mg/kg
	Vanadium	51.10000	ug/kg
	Zinc	81.90000 JV	mg/kg
3B-A003 DL01	TCL Volatiles		
	Acetone	0.03600 UJ	mg/kg
	Benzene	0.01600 U	mg/kg
	Bromodichloromethane	0.01600 U	mg/kg
	Bromoform	0.01600 U	mg/kg
	Bromomethane	0.01600 U	mg/kg
	2-Butanone	0.01600 U	mg/kg
	Carbon Disulfide	0.01600 U	mg/kg
	Carbon Tetrachloride	0.01600 U	mg/kg
	Chlorobenzene	0.01600 U	mg/kg
	Chloroethane	0.01600 U	mg/kg
	Chloroform	0.01600 U	mg/kg
	Chloromethane	0.01600 U	mg/kg
	Dibromochloromethane	0.01600 U	mg/kg
	1,1-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethene (total)	0.01600 U	mg/kg
	1,1-Dichloroethene	0.01600 U	mg/kg
	1,2-Dichloropropane	0.01600 U	mg/kg
	cis-1,3-Dichloropropene	0.01600 U	mg/kg
	trans-1,3-Dichloropropene	0.01600 U	mg/kg
	Ethylbenzene	0.01600 U	mg/kg
	2-Hexanone	0.01600 U	mg/kg
	4-Methyl-2-Pentanone	0.01600 U	mg/kg
	Methylene Chloride	0.01600 U	mg/kg
	Styrene	0.01600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3B-A003 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.52000 U	mg/kg
	Acenaphthylene	0.52000 U	mg/kg
	Anthracene	0.52000 U	mg/kg
	Benzo (a) anthracene	0.52000 U	mg/kg
	Benzo (a) pyrene	0.52000 U	mg/kg
	Benzo (b) fluoranthene	0.52000 U	mg/kg
	Benzo (g, h, i) perylene	0.52000 U	mg/kg
	Benzo (k) fluoranthene	0.52000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.52000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.52000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.52000 U	mg/kg
	4-Bromophenyl-phenylether	0.52000 U	mg/kg
	Butylbenzylphthalate	0.52000 U	mg/kg
	Carbazole	0.52000 U	mg/kg
	4-Chloro-3-Methylphenol	0.52000 U	mg/kg
	4-Chloroaniline	0.52000 U	mg/kg
	2-Chloronaphthalene	0.52000 U	mg/kg
	2-Chlorophenol	0.52000 U	mg/kg
	4-Chlorophenyl-phenylether	0.52000 U	mg/kg
	Chrysene	0.52000 U	mg/kg
	Di-n-butylphthalate	0.52000 U	mg/kg
	Di-n-octylphthalate	0.52000 U	mg/kg
	Dibenz (a, h) anthracene	0.52000 U	mg/kg
	Dibenzofuran	0.52000 U	mg/kg
	1,2-Dichlorobenzene	0.52000 U	mg/kg
	1,3-Dichlorobenzene	0.52000 U	mg/kg
	1,4-Dichlorobenzene	0.52000 U	mg/kg
	3,3'-Dichlorobenzidine	0.52000 U	mg/kg
	2,4-Dichlorophenol	0.52000 U	mg/kg
	Diethylphthalate	0.52000 U	mg/kg
	2,4-Dimethylphenol	0.52000 U	mg/kg
	Dimethylphthalate	0.52000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.30000 U	mg/kg
	2,4-Dinitrophenol	1.30000 U	mg/kg
	2,4-Dinitrotoluene	0.52000 U	mg/kg
	2,6-Dinitrotoluene	0.52000 U	mg/kg
	Fluoranthene	0.52000 U	mg/kg
	Fluorene	0.52000 U	mg/kg
	Hexachlorobenzene	0.52000 U	mg/kg
	Hexachlorobutadiene	0.52000 U	mg/kg
	Hexachlorocyclopentadiene	0.52000 U	mg/kg
	Hexachloroethane	0.52000 U	mg/kg
	Indeno (1, 2, 3-cd) pyrene	0.52000 U	mg/kg
	Isophorone	0.52000 U	mg/kg
	2-Methylnaphthalene	0.52000 U	mg/kg
	2-Methylphenol	0.52000 U	mg/kg
	4-Methylphenol	0.52000 U	mg/kg
	Naphthalene	0.52000 U	mg/kg
	2-Nitroaniline	1.30000 U	mg/kg
	3-Nitroaniline	1.30000 U	mg/kg
	4-Nitroaniline	1.30000 U	mg/kg
	Nitrobenzene	0.52000 U	mg/kg
	2-Nitrophenol	0.52000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
3B-A003 DL01	4-Nitrophenol	1.30000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.52000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.52000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.52000 U	mg/kg
	Pentachlorophenol	1.30000 U	mg/kg
	Phenanthrene	0.52000 U	mg/kg
	Phenol	0.52000 U	mg/kg
	Pyrene	0.52000 U	mg/kg
	1,2,4-Trichlorobenzene	0.52000 U	mg/kg
	2,4,5-Trichlorophenol	1.30000 U	mg/kg
	2,4,6-Trichlorophenol	0.52000 U	mg/kg
	TCL Pesticides		
	Aldrin	0.00540 U	mg/kg
3B-A003 WL01	Aroclor-1016	0.10000 U	mg/kg
	Aroclor-1221	0.21000 U	mg/kg
	Aroclor-1232	0.10000 U	mg/kg
	Aroclor-1242	0.10000 U	mg/kg
	Aroclor-1248	0.10000 U	mg/kg
	Aroclor-1254	0.10000 U	mg/kg
	Aroclor-1260	0.10000 U	mg/kg
	gamma-BHC (Lindane)	0.00540 U	mg/kg
	alpha-BHC	0.00540 U	mg/kg
	beta-BHC	0.00540 U	mg/kg
	delta-BHC	0.00540 U	mg/kg
	alpha-Chlordane	0.00540 U	mg/kg
	gamma-Chlordane	0.00073 U	mg/kg
	4,4'-DDD	0.01000 U	mg/kg
	4,4'-DDE	0.01000 U	mg/kg
	4,4'-DDT	0.01000 U	mg/kg
	Dieldrin	0.01000 U	mg/kg
	Endosulfan I	0.00540 U	mg/kg
	Endosulfan II	0.01000 U	mg/kg
	Endosulfan sulfate	0.01000 U	mg/kg
	Endrin	0.01000 U	mg/kg
	Endrin aldehyde	0.01000 U	mg/kg
	Endrin ketone	0.01000 U	mg/kg
	Heptachlor	0.00540 U	mg/kg
	Heptachlor epoxide	0.00540 U	mg/kg
	Methoxychlor	0.05400 U	mg/kg
	Toxaphene	0.54000 U	mg/kg
3B-A003 WL01	TAL Total Inorganics		
	Aluminum	751.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	8.50000 UC	µg/L
	Barium	66.80000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	97,800.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	23.60000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result	Qualifier*	Unit
3B-A003 WL01	Iron	3,450.00000	J	µg/L
	Lead	12.30000	—	µg/L
	Magnesium	10,200.00000	—	µg/L
	Manganese	224.00000	—	µg/L
	Mercury	0.20000	—	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	4,680.00000	—	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	23,700.00000	J	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	10.30000	—	µg/L
	TAL Dissolved Inorganics			
3B-A003 WL01	Aluminum	25.00000	U	µg/L
	Antimony	6.70000	—	µg/L
	Arsenic	15.10000	J	µg/L
	Barium	30.50000	—	µg/L
	Beryllium	1.30000	—	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	79,500.00000	—	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	11.60000	—	µg/L
	Iron	73.20000	—	µg/L
	Lead	3.00000	U	µg/L
	Magnesium	9,040.00000	—	µg/L
	Manganese	133.00000	—	µg/L
	Mercury	0.34000	—	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	5,150.00000	—	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	25,100.00000	—	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
	TCL Volatiles			
	Acetone	10.00000	U	µg/L
	Benzene	10.00000	U	µg/L
	Bromodichloromethane	10.00000	U	µg/L
	Bromoform	10.00000	U	µg/L
	Bromomethane	10.00000	U	µg/L
	2-Butanone	10.00000	U	µg/L
	Carbon Disulfide	10.00000	U	µg/L
	Carbon Tetrachloride	10.00000	U	µg/L
	Chlorobenzene	10.00000	U	µg/L
	Chloroethane	10.00000	U	µg/L
	Chloroform	10.00000	U	µg/L
	Chloromethane	10.00000	U	µg/L
	Dibromochloromethane	10.00000	U	µg/L
	1,1-Dichloroethane	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
3B-A003 WL01	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	2.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3B-A003 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.00750 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Endrin	0.10000	U µg/L
	Endrin aldehyde	0.10000	U µg/L
	Endrin ketone	0.10000	U µg/L
	Heptachlor	0.05000	U µg/L
	Heptachlor epoxide	0.05000	U µg/L
	Methoxychlor	0.50000	U µg/L
	Toxaphene	5.00000	U µg/L
3B-A003 WL01	Wet Chemistry		
	TOC	10,900.00000	µg/L
	TDS	388,000.00000	µg/L
	TSS	3,130,000.00000	µg/L
3B-A004 DL01	TAL Total Inorganics		
	Aluminum	16,700.00000	J mg/kg
	Antimony	1.90000	J mg/kg
	Arsenic	4.00000	J mg/kg
	Barium	76.30000	J mg/kg
	Beryllium	0.98000	J mg/kg
	Cadmium	1.00000	J mg/kg
	Calcium	14,500.00000	J mg/kg
	Chromium	40.00000	Jv mg/kg
	Cobalt	9.60000	J mg/kg
	Copper	21.20000	J mg/kg
	Iron	43,100.00000	J mg/kg
	Lead	16.30000	J mg/kg
	Magnesium	4,090.00000	J mg/kg
	Manganese	217.00000	J mg/kg
	Mercury	0.17000	UR mg/kg
	Nickel	22.30000	J mg/kg
	Potassium	4,520.00000	J mg/kg
	Selenium	1.20000	J mg/kg
	Silver	0.36000	U mg/kg
	Sodium	39.20000	UJ mg/kg
	Thallium	1.10000	U mg/kg
	Vanadium	36.50000	U mg/kg
	Zinc	89.10000	J mg/kg
	TCL Volatiles		
	Acetone	0.02900	UJ mg/kg
	Benzene	0.01800	U mg/kg
	Bromodichloromethane	0.01800	U mg/kg
	Bromoform	0.01800	U mg/kg
	Bromomethane	0.01800	U mg/kg
	2-Butanone	0.01800	U mg/kg
	Carbon Disulfide	0.01800	U mg/kg
	Carbon Tetrachloride	0.01800	U mg/kg
	Chlorobenzene	0.01800	U mg/kg
	Chloroethane	0.01800	U mg/kg
	Chloroform	0.01800	U mg/kg
	Chloromethane	0.01800	U mg/kg
	Dibromochloromethane	0.01800	U mg/kg
	1,1-Dichloroethane	0.01800	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichloroethane	0.01800 U	mg/kg
	1,2-Dichloroethane (total)	0.01800 U	mg/kg
	1,1-Dichloroethene	0.01800 U	mg/kg
	1,2-Dichloropropane	0.01800 U	mg/kg
	cis-1,3-Dichloropropene	0.01800 U	mg/kg
	trans-1,3-Dichloropropene	0.01800 U	mg/kg
	Ethylbenzene	0.01800 U	mg/kg
	2-Hexanone	0.01800 U	mg/kg
	4-Methyl-2-Pentanone	0.01800 U	mg/kg
	Methylene Chloride	0.01800 U	mg/kg
	Styrene	0.01800 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01800 U	mg/kg
	Tetrachloroethene	0.01800 U	mg/kg
	Toluene	0.01800 U	mg/kg
	1,1,1-Trichloroethane	0.01800 U	mg/kg
	1,1,2-Trichloroethane	0.01800 U	mg/kg
	Trichloroethene	0.01800 U	mg/kg
	Vinyl Chloride	0.01800 U	mg/kg
	Xylene (total)	0.01800 U	mg/kg
3B-A004 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.57000 U	mg/kg
	Acenaphthylene	0.57000 U	mg/kg
	Anthracene	0.57000 U	mg/kg
	Benzo (a) anthracene	0.57000 U	mg/kg
	Benzo (a) pyrene	0.57000 U	mg/kg
	Benzo (b) fluoranthene	0.57000 U	mg/kg
	Benzo (g,h,i) perylene	0.57000 U	mg/kg
	Benzo (k) fluoranthene	0.57000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.57000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.57000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.08700 U	mg/kg
	4-Bromophenyl-phenylether	0.57000 U	mg/kg
	Butylbenzylphthalate	0.57000 U	mg/kg
	Carbazole	0.57000 U	mg/kg
	4-Chloro-3-Methylphenol	0.57000 U	mg/kg
	4-Chloroaniline	0.57000 U	mg/kg
	2-Chloronaphthalene	0.57000 U	mg/kg
	2-Chlorophenol	0.57000 U	mg/kg
	4-Chlorophenyl-phenylether	0.57000 U	mg/kg
	Chrysene	0.57000 U	mg/kg
	Di-n-butylphthalate	0.57000 U	mg/kg
	Di-n-octylphthalate	0.57000 U	mg/kg
	Dibenz (a,h) anthracene	0.57000 U	mg/kg
	Dibenzofuran	0.57000 U	mg/kg
	1,2-Dichlorobenzene	0.57000 U	mg/kg
	1,3-Dichlorobenzene	0.57000 U	mg/kg
	1,4-Dichlorobenzene	0.57000 U	mg/kg
	3,3'-Dichlorobenzidine	0.57000 U	mg/kg
	2,4-Dichlorophenol	0.57000 U	mg/kg
	Diethylphthalate	0.04200 U	mg/kg
	2,4-Dimethylphenol	0.57000 U	mg/kg
	Dimethylphthalate	0.57000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dinitrophenol	1.40000 U	mg/kg
	2,4-Dinitrotoluene	0.57000 U	mg/kg
	2,6-Dinitrotoluene	0.57000 U	mg/kg
	Fluoranthene	0.57000 U	mg/kg
	Fluorene	0.57000 U	mg/kg
	Hexachlorobenzene	0.57000 U	mg/kg
	Hexachlorobutadiene	0.57000 U	mg/kg
	Hexachlorocyclopentadiene	0.57000 U	mg/kg
	Hexachloroethane	0.57000 U	mg/kg
	Indeno (1,2,3-cd)pyrene	0.57000 U	mg/kg
	Isophorone	0.57000 U	mg/kg
	2-Methylnaphthalene	0.57000 U	mg/kg
	2-Methylphenol	0.57000 U	mg/kg
	4-Methylphenol	0.57000 U	mg/kg
	Naphthalene	0.57000 U	mg/kg
	2-Nitroaniline	1.40000 U	mg/kg
	3-Nitroaniline	1.40000 U	mg/kg
	4-Nitroaniline	1.40000 U	mg/kg
	Nitrobenzene	0.57000 U	mg/kg
	2-Nitrophenol	0.57000 U	mg/kg
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.57000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.57000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.57000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	0.57000 U	mg/kg
	Phenol	0.57000 U	mg/kg
	Pyrene	0.57000 U	mg/kg
	1,2,4-Trichlorobenzene	0.57000 U	mg/kg
	2,4,5-Trichlorophenol	1.40000 U	mg/kg
	2,4,6-Trichlorophenol	0.57000 U	mg/kg
3B-A004 DL01	TCL Pesticides		
	Aldrin	0.00590 U	mg/kg
	Aroclor-1016	0.11000 U	mg/kg
	Aroclor-1221	0.23000 U	mg/kg
	Aroclor-1232	0.11000 U	mg/kg
	Aroclor-1242	0.11000 U	mg/kg
	Aroclor-1248	0.11000 U	mg/kg
	Aroclor-1254	0.11000 U	mg/kg
	Aroclor-1260	0.11000 U	mg/kg
	gamma-BHC (Lindane)	0.00590 U	mg/kg
	alpha-BHC	0.00590 U	mg/kg
	beta-BHC	0.00590 U	mg/kg
	delta-BHC	0.00590 U	mg/kg
	alpha-Chlordane	0.00590 U	mg/kg
	gamma-Chlordane	0.00590 U	mg/kg
	4,4'-DDD	0.01100 U	mg/kg
	4,4'-DDE	0.01100 U	mg/kg
	4,4'-DDT	0.01100 U	mg/kg
	Dieldrin	0.01100 U	mg/kg
	Endosulfan I	0.00590 U	mg/kg
	Endosulfan II	0.01100 U	mg/kg
	Endosulfan sulfate	0.01100 U	mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Endrin	0.01100 U	mg/kg
	Endrin aldehyde	0.01100 U	mg/kg
	Endrin ketone	0.01100 U	mg/kg
	Heptachlor	0.00590 U	mg/kg
	Heptachlor epoxide	0.00590 U	mg/kg
	Methoxychlor	0.05900 U	mg/kg
	Toxaphene	0.59000 U	mg/kg
3B-A004 DL01	Wet Chemistry		
	TOC	11,800.00000	mg/kg
3B-A004 WL01	TAL Total Inorganics		
	Aluminum	9,910.00000	µg/L
	Antimony	8.10000	µg/L
	Arsenic	19.40000 Jv	µg/L
	Barium	360.00000	µg/L
	Beryllium	5.10000 UC	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	84,600.00000	µg/L
	Chromium	18.00000	µg/L
	Cobalt	7.60000	µg/L
	Copper	53.80000 J	µg/L
	Iron	37,300.00000	µg/L
	Lead	140.00000	µg/L
	Magnesium	6,680.00000	µg/L
	Manganese	1,170.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	21.00000	µg/L
	Potassium	5,720.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	17,300.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	37.40000	µg/L
	Zinc	168.00000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	18.70000 J	µg/L
	Barium	27.20000	µg/L
	Beryllium	1.50000	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	59,600.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	10.30000	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	3,900.00000	µg/L
	Manganese	129.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Potassium	3,160.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	14,800.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
3B-A004 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) Fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) Fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
3B-A004 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.01200 J	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	10,100.00000	µg/L
	TDS	4,170,000.00000	µg/L
	TSS	2,190,000.00000	µg/L
3D-A001 DL01	TAL Total Inorganics		
	Aluminum	11,700.00000 J	mg/kg
	Antimony	0.71000 J	mg/kg
	Arsenic	5.40000 J	mg/kg
	Barium	117.00000	mg/kg
	Beryllium	0.89000	mg/kg
	Cadmium	4.20000 J	mg/kg
	Calcium	123,000.00000 J	mg/kg
	Chromium	18.70000 Jv	mg/kg
	Cobalt	14.80000	mg/kg
	Copper	60.50000 J	mg/kg
	Iron	23,700.00000	mg/kg
	Lead	44.40000 J	mg/kg
	Magnesium	2,690.00000 J	mg/kg
	Manganese	2,380.00000	mg/kg
	Mercury	0.38000 Jv	mg/kg
	Nickel	27.80000 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*		
	Potassium	3,650.00000	J	mg/kg
	Selenium	0.96000	UJ	mg/kg
	Silver	0.32000	U	mg/kg
	Sodium	212.00000	Jv	mg/kg
	Thallium	0.96000	U	mg/kg
	Vanadium	31.90000	-	mg/kg
	Zinc	394.00000	J	mg/kg
3D-A001 DL01	TCL Volatiles			
	Acetone	0.01800	U	mg/kg
	Benzene	0.01800	U	mg/kg
	Bromodichloromethane	0.01800	U	mg/kg
	Bromoform	0.01800	U	mg/kg
	Bromomethane	0.01800	U	mg/kg
	2-Butanone	0.01800	U	mg/kg
	Carbon Disulfide	0.01800	U	mg/kg
	Carbon Tetrachloride	0.01800	U	mg/kg
	Chlorobenzene	0.01800	U	mg/kg
	Chloroethane	0.01800	U	mg/kg
	Chloroform	0.01800	U	mg/kg
	Chloromethane	0.01800	U	mg/kg
	Dibromochloromethane	0.01800	U	mg/kg
	1,1-Dichloroethane	0.01800	U	mg/kg
	1,2-Dichloroethane	0.01800	U	mg/kg
	1,2-Dichloroethene (total)	0.01800	U	mg/kg
	1,1-Dichloroethene	0.01800	U	mg/kg
	1,2-Dichloropropane	0.01800	U	mg/kg
	cis-1,3-Dichloropropene	0.01800	U	mg/kg
	trans-1,3-Dichloropropene	0.01800	U	mg/kg
	Ethylbenzene	0.01800	U	mg/kg
	2-Hexanone	0.01800	U	mg/kg
	4-Methyl-2-Pentanone	0.01800	U	mg/kg
	Methylene Chloride	0.01800	U	mg/kg
	Styrene	0.01800	U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01800	U	mg/kg
	Tetrachloroethene	0.01800	U	mg/kg
	Toluene	0.01800	U	mg/kg
	1,1,1-Trichloroethane	0.01800	U	mg/kg
	1,1,2-Trichloroethane	0.01800	U	mg/kg
	Trichloroethene	0.01800	U	mg/kg
	Vinyl Chloride	0.01800	U	mg/kg
	Xylene (total)	0.01800	U	mg/kg
	TCL Semi-Volatiles			
	Acenaphthene	0.58000	U	mg/kg
	Acenaphthylene	0.58000	U	mg/kg
	Anthracene	0.58000	U	mg/kg
	Benzo(a)anthracene	0.58000	U	mg/kg
	Benzo(a)pyrene	0.58000	U	mg/kg
	Benzo(b)fluoranthene	0.58000	U	mg/kg
	Benzo(g,h,i)perylene	0.58000	U	mg/kg
	Benzo(k)fluoranthene	0.58000	U	mg/kg
	bis(2-Chloroethoxy)Methane	0.58000	U	mg/kg
	bis(2-Chloroethyl) Ether	0.58000	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	bis (2-Ethylhexyl) phthalate	0.05200 U mg/kg
	4-Bromophenyl-phenylether	0.58000 U mg/kg
	Butylbenzylphthalate	0.58000 U mg/kg
	Carbazole	0.58000 U mg/kg
	4-Chloro-3-Methylphenol	0.58000 U mg/kg
	4-Chloroaniline	0.58000 U mg/kg
	2-Chloronaphthalene	0.58000 U mg/kg
	2-Chlorophenol	0.58000 U mg/kg
	4-Chlorophenyl-phenylether	0.58000 U mg/kg
	Chrysene	0.58000 U mg/kg
	Di-n-butylphthalate	0.58000 U mg/kg
	Di-n-octylphthalate	0.58000 U mg/kg
	Dibenz (a,h) anthracene	0.58000 U mg/kg
	Dibenzofuran	0.58000 U mg/kg
	1,2-Dichlorobenzene	0.58000 U mg/kg
	1,3-Dichlorobenzene	0.58000 U mg/kg
	1,4-Dichlorobenzene	0.58000 U mg/kg
	3,3'-Dichlorobenzidine	0.58000 U mg/kg
	2,4-Dichlorophenol	0.58000 U mg/kg
	Diethylphthalate	0.58000 U mg/kg
	2,4-Dimethylphenol	0.58000 U mg/kg
	Dimethylphthalate	0.58000 U mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U mg/kg
	2,4-Dinitrophenol	1.40000 U mg/kg
	2,4-Dinitrotoluene	0.58000 U mg/kg
	2,6-Dinitrotoluene	0.58000 U mg/kg
	Fluoranthene	0.58000 U mg/kg
	Fluorene	0.58000 U mg/kg
	Hexachlorobenzene	0.58000 U mg/kg
	Hexachlorobutadiene	0.58000 U mg/kg
	Hexachlorocyclopentadiene	0.58000 U mg/kg
	Hexachloroethane	0.58000 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.58000 U mg/kg
	Isophorone	0.58000 U mg/kg
	2-Methylnaphthalene	0.58000 U mg/kg
	2-Methylphenol	0.58000 U mg/kg
	4-Methylphenol	0.58000 U mg/kg
	Naphthalene	0.58000 U mg/kg
	2-Nitroaniline	1.40000 U mg/kg
	3-Nitroaniline	1.40000 U mg/kg
	4-Nitroaniline	1.40000 U mg/kg
	Nitrobenzene	0.58000 U mg/kg
	2-Nitrophenol	0.58000 U mg/kg
	4-Nitrophenol	1.40000 U mg/kg
	N-Nitroso-di-n-propylamine	0.58000 U mg/kg
	N-Nitrosodiphenylamine (1)	0.58000 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	1.40000 U mg/kg
	Pentachlorophenol	0.58000 U mg/kg
	Phenanthrene	0.58000 U mg/kg
	Phenol	0.58000 U mg/kg
	Pyrene	0.58000 U mg/kg
	1,2,4-Trichlorobenzene	0.58000 U mg/kg
	2,4,5-Trichlorophenol	1.40000 U mg/kg
	2,4,6-Trichlorophenol	0.58000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3D-A001 DL01	TCL Pesticides		
	Aldrin	0.00590 U	mg/kg
	Aroclor-1016	0.11000 U	mg/kg
	Aroclor-1221	0.23000 U	mg/kg
	Aroclor-1232	0.11000 U	mg/kg
	Aroclor-1242	0.11000 U	mg/kg
	Aroclor-1248	0.38000 J	mg/kg
	Aroclor-1254	0.05000 J	mg/kg
	Aroclor-1260	0.11000 U	mg/kg
	gamma-BHC (Lindane)	0.00590 U	mg/kg
	alpha-BHC	0.00590 U	mg/kg
	beta-BHC	0.00590 U	mg/kg
	delta-BHC	0.00590 U	mg/kg
	alpha-Chlordane	0.00270 J	mg/kg
	gamma-Chlordane	0.00420 J	mg/kg
	4,4'-DDD	0.00120 J	mg/kg
	4,4'-DDE	0.00240 J	mg/kg
	4,4'-DDT	0.00140 J	mg/kg
	Dieldrin	0.00500 J	mg/kg
	Endosulfan I	0.00290 J	mg/kg
	Endosulfan II	0.01100 U	mg/kg
	Endosulfan sulfate	0.01100 U	mg/kg
	Endrin	0.01100 U	mg/kg
	Endrin aldehyde	0.01100 U	mg/kg
	Endrin ketone	0.01100 U	mg/kg
	Heptachlor	0.00590 U	mg/kg
	Heptachlor epoxide	0.00610 U	mg/kg
	Methoxychlor	0.05900 U	mg/kg
	Toxaphene	0.59000 U	mg/kg
3D-A001 WL01	TAL Total Inorganics		
	Aluminum	331.00000 UCT	µg/L
	Antimony	1.90000 U	µg/L
	Arsenic	3.50000 U	µg/L
	Barium	106.00000	µg/L
	Beryllium	0.10000 U	µg/L
	Cadmium	0.98000	µg/L
	Calcium	262,000.00000 J	µg/L
	Chromium	2.20000 U	µg/L
	Cobalt	4.60000	µg/L
	Copper	35.40000	µg/L
	Iron	3,300.00000 J	µg/L
	Lead	16.20000	µg/L
	Magnesium	30,200.00000 J	µg/L
	Manganese	1,020.00000 J	µg/L
	Mercury	0.33000 Jv	µg/L
	Nickel	18.20000	µg/L
	Potassium	30,300.00000 J	µg/L
	Selenium	4.40000 U	µg/L
	Silver	0.60000 U	µg/L
	Sodium	85,100.00000 J	µg/L
	Thallium	5.50000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Vanadium	1.90000 UC	µg/L
	Zinc	77.20000	µg/L
3D-A001 WL01	TAL Dissolved Inorganics		
	Aluminum	61.40000 UCJv	µg/L
	Antimony	3.10000 Jv	µg/L
	Arsenic	7.90000 UCJv	µg/L
	Barium	98.30000 Jv	µg/L
	Beryllium	0.10000 UF	µg/L
	Cadmium	0.50000 UF	µg/L
	Calcium	247,000.00000 Jv	µg/L
	Chromium	2.20000 UF	µg/L
	Cobalt	4.10000 Jv	µg/L
	Copper	3.10000 Jv	µg/L
	Iron	27.20000 UF	µg/L
	Lead	4.60000 Jv	µg/L
	Magnesium	28,800.00000 Jv	µg/L
	Manganese	902.00000 Jv	µg/L
	Mercury	0.20000 UF	µg/L
	Nickel	14.20000 Jv	µg/L
	Potassium	32,400.00000 Jv	µg/L
	Selenium	34.30000 Jv	µg/L
	Silver	0.60000 UF	µg/L
	Sodium	87,500.00000 Jv	µg/L
	Thallium	7.40000 Jv	µg/L
	Vanadium	0.65000 Jv	µg/L
	Zinc	22.40000 Jv	µg/L
	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3D-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3D-A001 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	0.77000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	11,800.00000	µg/L
	TDS	1,570,000.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	TSS	48,000.00000	µg/L
3E-A001 DL01	TAL Total Inorganics		
	Aluminum	18,100.00000 J	mg/kg
	Antimony	1.70000 U	mg/kg
	Arsenic	14.90000	mg/kg
	Barium	225.00000	mg/kg
	Beryllium	1.80000	mg/kg
	Cadmium	0.66000 U	mg/kg
	Calcium	74,400.00000	mg/kg
	Chromium	31.60000	mg/kg
	Cobalt	13.70000	mg/kg
	Copper	41.00000 UC	mg/kg
	Iron	34,400.00000	mg/kg
	Lead	87.50000 JV	mg/kg
	Magnesium	3,820.00000	mg/kg
	Manganese	675.00000	mg/kg
	Mercury	0.17000 U	mg/kg
	Nickel	31.60000	mg/kg
	Potassium	4,010.00000	mg/kg
	Selenium	1.70000 U	mg/kg
	Silver	0.99000 U	mg/kg
	Sodium	1,190.00000 J	mg/kg
	Thallium	2.30000 U	mg/kg
	Vanadium	44.10000	mg/kg
	Zinc	88.20000 J	mg/kg
	TCL Volatiles		
	Acetone	0.03300 UJ	mg/kg
	Benzene	0.01600 UJv	mg/kg
	Bromodichloromethane	0.01600 UJv	mg/kg
	Bromoform	0.01600 UJv	mg/kg
	Bromomethane	0.01600 UJv	mg/kg
	2-Butanone	0.01600 UJv	mg/kg
	Carbon Disulfide	0.01600 UJv	mg/kg
	Carbon Tetrachloride	0.01600 UJv	mg/kg
	Chlorobenzene	0.01600 UJv	mg/kg
	Chloroethane	0.01600 UJv	mg/kg
	Chloroform	0.01600 UJv	mg/kg
	Chloromethane	0.01600 UJv	mg/kg
	Dibromochloromethane	0.01600 UJv	mg/kg
	1,1-Dichloroethane	0.01600 UJv	mg/kg
	1,2-Dichloroethane	0.01600 UJv	mg/kg
	1,2-Dichloroethene (total)	0.01600 UJv	mg/kg
	1,1-Dichloroethene	0.01600 UJv	mg/kg
	1,2-Dichloropropane	0.01600 UJv	mg/kg
	cis-1,3-Dichloropropene	0.01600 UJv	mg/kg
	trans-1,3-Dichloropropene	0.01600 UJv	mg/kg
	Ethylbenzene	0.01600 UJv	mg/kg
	2-Hexanone	0.01600 UJv	mg/kg
	4-Methyl-2-Pentanone	0.01600 UJv	mg/kg
	Methylene Chloride	0.01600 UJv	mg/kg
	Styrene	0.01600 UJv	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1,2,2-Tetrachloroethane	0.01600 UJv	mg/kg
	Tetrachloroethene	0.01600 UJv	mg/kg
	Toluene	0.01600 UJv	mg/kg
	1,1,1-Trichloroethane	0.01600 UJv	mg/kg
	1,1,2-Trichloroethane	0.01600 UJv	mg/kg
	Trichloroethene	0.01600 UJv	mg/kg
	Vinyl Chloride	0.01600 UJv	mg/kg
	Xylene (total)	0.01600 UJv	mg/kg
3E-A001 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.51000 U	mg/kg
	Acenaphthylene	0.51000 U	mg/kg
	Anthracene	0.51000 U	mg/kg
	Benzo (a) anthracene	0.51000 U	mg/kg
	Benzo (a) pyrene	0.51000 U	mg/kg
	Benzo (b) fluoranthene	0.51000 U	mg/kg
	Benzo (g, h, i) perylene	0.51000 U	mg/kg
	Benzo (k) fluoranthene	0.51000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.51000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.51000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.11000 U	mg/kg
	4-Bromophenyl-phenylether	0.51000 U	mg/kg
	Butylbenzylphthalate	0.51000 U	mg/kg
	Carbazole	0.51000 U	mg/kg
	4-Chloro-3-Methylphenol	0.51000 U	mg/kg
	4-Chloroaniline	0.51000 U	mg/kg
	2-Chloronaphthalene	0.51000 U	mg/kg
	2-Chlorophenol	0.51000 U	mg/kg
	4-Chlorophenyl-phenylether	0.51000 U	mg/kg
	Chrysene	0.51000 U	mg/kg
	Di-n-butylphthalate	0.51000 U	mg/kg
	Di-n-octylphthalate	0.51000 U	mg/kg
	Dibenz (a, h) anthracene	0.51000 U	mg/kg
	Dibenzofuran	0.51000 U	mg/kg
	1,2-Dichlorobenzene	0.51000 U	mg/kg
	1,3-Dichlorobenzene	0.51000 U	mg/kg
	1,4-Dichlorobenzene	0.51000 U	mg/kg
	3,3'-Dichlorobenzidine	0.51000 U	mg/kg
	2,4-Dichlorophenol	0.51000 U	mg/kg
	Diethylphthalate	0.51000 U	mg/kg
	2,4-Dimethylphenol	0.51000 U	mg/kg
	Dimethylphthalate	0.51000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.20000 U	mg/kg
	2,4-Dinitrophenol	1.20000 U	mg/kg
	2,4-Dinitrotoluene	0.51000 U	mg/kg
	2,6-Dinitrotoluene	0.51000 U	mg/kg
	Fluoranthene	0.51000 U	mg/kg
	Fluorene	0.51000 U	mg/kg
	Hexachlorobenzene	0.51000 U	mg/kg
	Hexachlorobutadiene	0.51000 U	mg/kg
	Hexachlorocyclopentadiene	0.51000 U	mg/kg
	Hexachloroethane	0.51000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.51000 U	mg/kg
	Isophorone	0.51000 U	mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylnaphthalene	0.51000 U	mg/kg
	2-Methylphenol	0.51000 U	mg/kg
	4-Methylphenol	0.51000 U	mg/kg
	Naphthalene	0.51000 U	mg/kg
	2-Nitroaniline	1.20000 U	mg/kg
	3-Nitroaniline	1.20000 U	mg/kg
	4-Nitroaniline	1.20000 U	mg/kg
	Nitrobenzene	0.51000 U	mg/kg
	2-Nitrophenol	0.51000 U	mg/kg
	4-Nitrophenol	1.20000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.51000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.51000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.51000 U	mg/kg
	Pentachlorophenol	1.20000 U	mg/kg
	Phenanthrene	0.51000 U	mg/kg
	Phenol	0.51000 U	mg/kg
	Pyrene	0.03100 J	mg/kg
	1,2,4-Trichlorobenzene	0.51000 U	mg/kg
	2,4,5-Trichlorophenol	1.20000 U	mg/kg
	2,4,6-Trichlorophenol	0.51000 U	mg/kg
3E-A001 DL01	TCL Pesticides		
	Aldrin	0.00260 U	mg/kg
	Aroclor-1016	0.05100 U	mg/kg
	Aroclor-1221	0.10000 U	mg/kg
	Aroclor-1232	0.05100 U	mg/kg
	Aroclor-1242	0.05100 U	mg/kg
	Aroclor-1248	0.05100 U	mg/kg
	Aroclor-1254	0.05100 U	mg/kg
	Aroclor-1260	0.05100 U	mg/kg
	gamma-BHC (Lindane)	0.00260 U	mg/kg
	alpha-BHC	0.00260 U	mg/kg
	beta-BHC	0.00260 U	mg/kg
	delta-BHC	0.00260 U	mg/kg
	alpha-Chlordane	0.00260 U	mg/kg
	gamma-Chlordane	0.00035 J	mg/kg
	4,4'-DDD	0.00050 J	mg/kg
	4,4'-DDE	0.00510 U	mg/kg
	4,4'-DDT	0.00510 U	mg/kg
	Dieldrin	0.00510 U	mg/kg
	Endosulfan I	0.00077 J	mg/kg
	Endosulfan II	0.00260 U	mg/kg
	Endosulfan sulfate	0.00510 U	mg/kg
	Endrin	0.00510 U	mg/kg
	Endrin aldehyde	0.00510 U	mg/kg
	Endrin ketone	0.00510 U	mg/kg
	Heptachlor	0.00510 U	mg/kg
	Heptachlor epoxide	0.00260 U	mg/kg
	Methoxychlor	0.00260 U	mg/kg
	Toxaphene	0.02600 U	mg/kg
		0.26000 U	mg/kg
3E-A001 WL01	TAL Total Inorganics		
	Aluminum	1,560.00000 J	µg/L

* See Attachment B-2 for definitions of the qualifiers.

**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
3E-A001 WL01	Antimony	5.00000 U	µg/L
	Arsenic	11.00000 UCJ	µg/L
	Barium	35.90000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	99,900.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	36.20000	µg/L
	Iron	2,360.00000 J	µg/L
	Lead	29.70000	µg/L
	Magnesium	11,000.00000	µg/L
	Manganese	42.80000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	5,610.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	26,900.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	16.80000	µg/L
3E-A001 WL01	TAL Dissolved Inorganics		
	Aluminum	34.60000 UC	µg/L
	Antimony	5.00000	µg/L
	Arsenic	20.20000 J	µg/L
	Barium	32.40000	µg/L
	Beryllium	1.20000	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	87,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	14.80000	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	10,100.00000	µg/L
	Manganese	16.20000 J	µg/L
	Mercury	0.27000	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	6,180.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	28,300.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	5.40000	µg/L
3E-A001 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3E-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	1.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
3E-A001 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	alpha-Chlordane	0.05000	UJv µg/L
	gamma-Chlordane	0.05000	UJv µg/L
	4,4'-DDD	0.10000	UJv µg/L
	4,4'-DDE	0.10000	UJv µg/L
	4,4'-DDT	0.10000	UJv µg/L
	Dieldrin	0.10000	UJv µg/L
	Endosulfan I	0.05000	UJv µg/L
	Endosulfan II	0.10000	UJv µg/L
	Endosulfan sulfate	0.10000	UJv µg/L
	Endrin	0.10000	UJv µg/L
	Endrin aldehyde	0.10000	UJv µg/L
	Endrin ketone	0.10000	UJv µg/L
	Heptachlor	0.05000	U µg/L
	Heptachlor epoxide	0.05000	UJv µg/L
	Methoxychlor	0.50000	UJv µg/L
	Toxaphene	5.00000	U µg/L
3E-A001 WL01	Wet Chemistry		
	TOC	8,260.00000	µg/L
	TDS	520,000.00000	µg/L
	TSS	612,000.00000	µg/L
3E-A002 DL01	TAL Total Inorganics		
	Aluminum	16,900.00000	J mg/kg
	Antimony	1.70000	U mg/kg
	Arsenic	9.70000	mg/kg
	Barium	103.00000	mg/kg
	Beryllium	1.70000	mg/kg
	Cadmium	0.68000	U mg/kg
	Calcium	58,500.00000	mg/kg
	Chromium	30.60000	mg/kg
	Cobalt	11.20000	mg/kg
	Copper	35.40000	UC mg/kg
	Iron	30,200.00000	mg/kg
	Lead	43.90000	Jv mg/kg
	Magnesium	3,750.00000	mg/kg
	Manganese	432.00000	mg/kg
	Mercury	1.20000	mg/kg
	Nickel	30.40000	mg/kg
	Potassium	3,940.00000	mg/kg
	Selenium	1.70000	U mg/kg
	Silver	1.00000	U mg/kg
	Sodium	1,110.00000	J mg/kg
	Thallium	2.40000	U mg/kg
	Vanadium	40.50000	mg/kg
	Zinc	91.60000	J mg/kg
	TCL Volatiles		
	Acetone	0.03000	UJ mg/kg
	Benzene	0.01600	U mg/kg
	Bromodichloromethane	0.01600	U mg/kg
	Bromoform	0.01600	U mg/kg
	Bromomethane	0.01600	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Butanone	0.01600 U	mg/kg
	Carbon Disulfide	0.01600 U	mg/kg
	Carbon Tetrachloride	0.01600 U	mg/kg
	Chlorobenzene	0.01600 U	mg/kg
	Chloroethane	0.01600 U	mg/kg
	Chloroform	0.01600 U	mg/kg
	Chloromethane	0.01600 U	mg/kg
	Dibromochloromethane	0.01600 U	mg/kg
	1,1-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethene (total)	0.01600 U	mg/kg
	1,1-Dichloroethene	0.01600 U	mg/kg
	1,2-Dichloropropane	0.01600 U	mg/kg
	cis-1,3-Dichloropropene	0.01600 U	mg/kg
	trans-1,3-Dichloropropene	0.01600 U	mg/kg
	Ethylbenzene	0.01600 U	mg/kg
	2-Hexanone	0.01600 U	mg/kg
	4-Methyl-2-Pentanone	0.01600 U	mg/kg
	Methylene Chloride	0.01600 U	mg/kg
	Styrene	0.01600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg
3E-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.52000 U	mg/kg
	Acenaphthylene	0.52000 U	mg/kg
	Anthracene	0.52000 U	mg/kg
	Benzo (a) anthracene	0.52000 U	mg/kg
	Benzo (a) pyrene	0.52000 U	mg/kg
	Benzo (b) fluoranthene	0.52000 U	mg/kg
	Benzo (g, h, i) perylene	0.52000 U	mg/kg
	Benzo (k) fluoranthene	0.52000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.52000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.52000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.03800 U	mg/kg
	4-Bromophenyl-phenylether	0.52000 U	mg/kg
	Butylbenzylphthalate	0.52000 U	mg/kg
	Carbazole	0.52000 U	mg/kg
	4-Chloro-3-Methylphenol	0.52000 U	mg/kg
	4-Chloroaniline	0.52000 U	mg/kg
	2-Chloronaphthalene	0.52000 U	mg/kg
	2-Chlorophenol	0.52000 U	mg/kg
	4-Chlorophenyl-phenylether	0.52000 U	mg/kg
	Chrysene	0.52000 U	mg/kg
	Di-n-butylphthalate	0.52000 U	mg/kg
	Di-n-octylphthalate	0.52000 U	mg/kg
	Dibenz (a, h) anthracene	0.52000 U	mg/kg
	Dibenzofuran	0.52000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	1,2-Dichlorobenzene	0.52000	U mg/kg
	1,3-Dichlorobenzene	0.52000	U mg/kg
	1,4-Dichlorobenzene	0.52000	U mg/kg
	3,3'-Dichlorobenzidine	0.52000	U mg/kg
	2,4-Dichlorophenol	0.52000	U mg/kg
	Diethylphthalate	0.52000	U mg/kg
	2,4-Dimethylphenol	0.52000	U mg/kg
	Dimethylphthalate	0.52000	U mg/kg
	4,6-Dinitro-2-Methylphenol	1.30000	U mg/kg
	2,4-Dinitrophenol	1.30000	U mg/kg
	2,4-Dinitrotoluene	0.52000	U mg/kg
	2,6-Dinitrotoluene	0.52000	U mg/kg
	Fluoranthene	0.52000	U mg/kg
	Fluorene	0.52000	U mg/kg
	Hexachlorobenzene	0.52000	U mg/kg
	Hexachlorobutadiene	0.52000	U mg/kg
	Hexachlorocyclopentadiene	0.52000	U mg/kg
	Hexachloroethane	0.52000	U mg/kg
	Indeno (1,2,3-cd) pyrene	0.52000	U mg/kg
	Isophorone	0.52000	U mg/kg
	2-Methylnaphthalene	0.52000	U mg/kg
	2-Methylphenol	0.52000	U mg/kg
	4-Methylphenol	0.52000	U mg/kg
	Naphthalene	0.52000	U mg/kg
	2-Nitroaniline	0.52000	U mg/kg
	3-Nitroaniline	1.30000	U mg/kg
	4-Nitroaniline	1.30000	U mg/kg
	Nitrobenzene	0.52000	U mg/kg
	2-Nitrophenol	0.52000	U mg/kg
	4-Nitrophenol	0.52000	U mg/kg
	N-Nitroso-di-n-propylamine	1.30000	U mg/kg
	N-Nitrosodiphenylamine (1)	0.52000	U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.52000	U mg/kg
	Pentachlorophenol	0.52000	U mg/kg
	Phenanthrene	1.30000	U mg/kg
	Phenol	0.52000	U mg/kg
	Pyrene	0.52000	U mg/kg
	1,2,4-Trichlorobenzene	0.52000	U mg/kg
	2,4,5-Trichlorophenol	1.30000	U mg/kg
	2,4,6-Trichlorophenol	0.52000	U mg/kg
3E-A002 DL01	TCL Pesticides		
	Aldrin	0.00270	U mg/kg
	Aroclor-1016	0.05200	U mg/kg
	Aroclor-1221	0.11000	U mg/kg
	Aroclor-1232	0.05200	U mg/kg
	Aroclor-1242	0.05200	U mg/kg
	Aroclor-1248	0.05200	U mg/kg
	Aroclor-1254	0.05200	U mg/kg
	Aroclor-1260	0.00850	U mg/kg
	gamma-BHC (Lindane)	0.05200	U mg/kg
	alpha-BHC	0.00270	U mg/kg
	beta-BHC	0.00270	U mg/kg
	delta-BHC	0.00270	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	alpha-Chlordane	0.00270 U	mg/kg
	gamma-Chlordane	0.00034 U	mg/kg
	4,4'-DDD	0.00520 U	mg/kg
	4,4'-DDE	0.00520 U	mg/kg
	4,4'-DDT	0.00520 U	mg/kg
	Dieldrin	0.00520 U	mg/kg
	Endosulfan I	0.00270 U	mg/kg
	Endosulfan II	0.00520 U	mg/kg
	Endosulfan sulfate	0.00520 U	mg/kg
	Endrin	0.00520 U	mg/kg
	Endrin aldehyde	0.00520 U	mg/kg
	Endrin ketone	0.00520 U	mg/kg
	Heptachlor	0.00270 U	mg/kg
	Heptachlor epoxide	0.00270 U	mg/kg
	Methoxychlor	0.02700 U	mg/kg
	Toxaphene	0.27000 U	mg/kg
3E-A002 DL01	Wet Chemistry		
	TOC	10,900.00000	mg/kg
3E-A002 WL01	TAL Total Inorganics		
	Aluminum	1,970.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	9.50000 UC	µg/L
	Barium	46.70000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	138,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	29.20000	µg/L
	Iron	8,380.00000 U	µg/L
	Lead	191.00000	µg/L
	Magnesium	16,400.00000	µg/L
	Manganese	105.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	8,390.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	36,600.00000 U	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.20000 U	µg/L
	Zinc	17.00000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 UJ	µg/L
	Barium	32.80000	µg/L
	Beryllium	1.20000	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	105,000.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Chromium	5.00000	U µg/L
	Cobalt	2.00000	U µg/L
	Copper	11.70000	U µg/L
	Iron	60.00000	U µg/L
	Lead	3.00000	U µg/L
	Magnesium	13,200.00000	U µg/L
	Manganese	20.40000	U µg/L
	Mercury	0.20000	U µg/L
	Nickel	10.00000	U µg/L
	Potassium	7,290.00000	U µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	32,000.00000	U µg/L
	Thallium	7.00000	U µg/L
	Vanadium	2.00000	U µg/L
	Zinc	4.00000	U µg/L
3E-A002 WL01	TCL Volatiles		
	Acetone	10.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	3.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo(a)anthracene	10.00000 U µg/L
	Benzo(a)pyrene	10.00000 U µg/L
	Benzo(b)fluoranthene	10.00000 U µg/L
	Benzo(g,h,i)perylene	10.00000 U µg/L
	Benzo(k)fluoranthene	10.00000 U µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U µg/L
	bis(2-Chloroethyl)Ether	10.00000 U µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz(a,h)anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	2.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3E-A002 WL01	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
3E-A003 DL01	Wet Chemistry		
	TOC	8,500.00000	µg/L
	TDS	596,000.00000	µg/L
	TSS	704,000.00000	µg/L
3E-A003 DL01	TAL Total Inorganics		
	Aluminum	16,600.00000	J mg/kg
	Antimony	14.90000	J mg/kg
	Arsenic	9.80000	J mg/kg
	Barium	119.00000	mg/kg
	Beryllium	1.20000	mg/kg
	Cadmium	0.93000	J mg/kg
	Calcium	48,100.00000	J mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Chromium	29.00000 Jv	mg/kg
	Cobalt	11.60000	mg/kg
	Copper	26.90000 J	mg/kg
	Iron	26,000.00000	mg/kg
	Lead	58.30000 J	mg/kg
	Magnesium	3,240.00000 J	mg/kg
	Manganese	415.00000	mg/kg
	Mercury	0.18000 UR	mg/kg
	Nickel	27.00000 J	mg/kg
	Potassium	4,030.00000 J	mg/kg
	Selenium	1.10000 UJ	mg/kg
	Silver	0.36000 U	mg/kg
	Sodium	228.00000 Jv	mg/kg
	Thallium	1.10000 U	mg/kg
	Vanadium	47.20000	mg/kg
	Zinc	118.00000 J	mg/kg
3E-A003 DL01	TCL Volatiles		
	Acetone	0.04100 UJ	mg/kg
	Benzene	0.01700 U	mg/kg
	Bromodichloromethane	0.01700 U	mg/kg
	Bromoform	0.01700 U	mg/kg
	Bromomethane	0.01700 U	mg/kg
	2-Butanone	0.01700 U	mg/kg
	Carbon Disulfide	0.01700 U	mg/kg
	Carbon Tetrachloride	0.01700 U	mg/kg
	Chlorobenzene	0.01700 U	mg/kg
	Chloroethane	0.01700 U	mg/kg
	Chloroform	0.01700 U	mg/kg
	Chloromethane	0.01700 U	mg/kg
	Dibromochloromethane	0.01700 U	mg/kg
	1,1-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethene (total)	0.01700 U	mg/kg
	1,1-Dichloroethene	0.01700 U	mg/kg
	1,2-Dichloropropane	0.01700 U	mg/kg
	cis-1,3-Dichloropropene	0.01700 U	mg/kg
	trans-1,3-Dichloropropene	0.01700 U	mg/kg
	Ethylbenzene	0.01700 U	mg/kg
	2-Hexanone	0.01700 U	mg/kg
	4-Methyl-2-Pentanone	0.01700 U	mg/kg
	Methylene Chloride	0.01700 U	mg/kg
	Styrene	0.01700 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01700 U	mg/kg
	Tetrachloroethene	0.01700 U	mg/kg
	Toluene	0.01700 U	mg/kg
	1,1,1-Trichloroethane	0.01700 U	mg/kg
	1,1,2-Trichloroethane	0.01700 U	mg/kg
	Trichloroethene	0.01700 U	mg/kg
	Vinyl Chloride	0.01700 U	mg/kg
	Xylene (total)	0.01700 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.57000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Acenaphthylene	0.57000 U	mg/kg
	Anthracene	0.57000 U	mg/kg
	Benzo (a) anthracene	0.57000 U	mg/kg
	Benzo (a) pyrene	0.57000 U	mg/kg
	Benzo (b) fluoranthene	0.57000 U	mg/kg
	Benzo (g, h, i) perylene	0.57000 U	mg/kg
	Benzo (k) fluoranthene	0.57000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.57000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.57000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.57000 U	mg/kg
	4-Bromophenyl-phenylether	0.08800 U	mg/kg
	Butylbenzylphthalate	0.57000 U	mg/kg
	Carbazole	0.57000 U	mg/kg
	4-Chloro-3-Methylphenol	0.57000 U	mg/kg
	4-Chloroaniline	0.57000 U	mg/kg
	2-Chloronaphthalene	0.57000 U	mg/kg
	2-Chlorophenol	0.57000 U	mg/kg
	4-Chlorophenyl-phenylether	0.57000 U	mg/kg
	Chrysene	0.57000 U	mg/kg
	Di-n-butylphthalate	0.57000 U	mg/kg
	Di-n-octylphthalate	0.57000 U	mg/kg
	Dibenz (a, h) anthracene	0.57000 U	mg/kg
	Dibenzofuran	0.57000 U	mg/kg
	1,2-Dichlorobenzene	0.57000 U	mg/kg
	1,3-Dichlorobenzene	0.57000 U	mg/kg
	1,4-Dichlorobenzene	0.57000 U	mg/kg
	3,3'-Dichlorobenzidine	0.57000 U	mg/kg
	2,4-Dichlorophenol	0.57000 U	mg/kg
	Diethylphthalate	0.57000 U	mg/kg
	2,4-Dimethylphenol	0.57000 U	mg/kg
	Dimethylphthalate	0.57000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U	mg/kg
	2,4-Dinitrophenol	1.40000 U	mg/kg
	2,4-Dinitrotoluene	0.57000 U	mg/kg
	2,6-Dinitrotoluene	0.57000 U	mg/kg
	Fluoranthene	0.57000 U	mg/kg
	Fluorene	0.57000 U	mg/kg
	Hexachlorobenzene	0.57000 U	mg/kg
	Hexachlorobutadiene	0.57000 U	mg/kg
	Hexachlorocyclopentadiene	0.57000 U	mg/kg
	Hexachloroethane	0.57000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.57000 U	mg/kg
	Isophorone	0.57000 U	mg/kg
	2-Methylnaphthalene	0.57000 U	mg/kg
	2-Methylphenol	0.57000 U	mg/kg
	4-Methylphenol	0.57000 U	mg/kg
	Naphthalene	0.57000 U	mg/kg
	2-Nitroaniline	1.40000 U	mg/kg
	3-Nitroaniline	1.40000 U	mg/kg
	4-Nitroaniline	1.40000 U	mg/kg
	Nitrobenzene	0.57000 U	mg/kg
	2-Nitrophenol	0.57000 U	mg/kg
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.57000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
3E-A003 DL01	N-Nitrosodiphenylamine (1)	0.57000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.57000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	0.57000 U	mg/kg
	Phenol	0.57000 U	mg/kg
	Pyrene	0.57000 U	mg/kg
	1,2,4-Trichlorobenzene	0.57000 U	mg/kg
	2,4,5-Trichlorophenol	1.40000 U	mg/kg
	2,4,6-Trichlorophenol	0.57000 U	mg/kg
	TCL Pesticides		
	Aldrin	0.00290 U	mg/kg
	Aroclor-1016	0.05600 U	mg/kg
	Aroclor-1221	0.11500 U	mg/kg
3E-A003 WL01	Aroclor-1232	0.05600 U	mg/kg
	Aroclor-1242	0.05600 U	mg/kg
	Aroclor-1248	0.05600 U	mg/kg
	Aroclor-1254	0.05600 U	mg/kg
	Aroclor-1260	0.05600 U	mg/kg
	gamma-BHC (Lindane)	0.00290 U	mg/kg
	alpha-BHC	0.00290 U	mg/kg
	beta-BHC	0.00290 U	mg/kg
	delta-BHC	0.00290 U	mg/kg
	alpha-Chlordane	0.00290 U	mg/kg
	gamma-Chlordane	0.00290 U	mg/kg
	4,4'-DDD	0.00560 U	mg/kg
	4,4'-DDE	0.00560 U	mg/kg
	4,4'-DDT	0.00560 U	mg/kg
	Dieldrin	0.00560 U	mg/kg
	Endosulfan I	0.00290 U	mg/kg
	Endosulfan II	0.00560 U	mg/kg
	Endosulfan sulfate	0.00560 U	mg/kg
	Endrin	0.00560 U	mg/kg
	Endrin aldehyde	0.00560 U	mg/kg
	Endrin ketone	0.00560 U	mg/kg
	Heptachlor	0.00290 U	mg/kg
	Heptachlor epoxide	0.00290 U	mg/kg
	Methoxychlor	0.02900 U	mg/kg
	Toxaphene	0.29000 U	mg/kg
	TAL Total Inorganics		
	Aluminum	1,720.00000 J	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	14.10000 UCJ	µg/L
	Barium	39.20000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	128,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	57.40000	µg/L
	Iron	2,680.00000 J	µg/L
	Lead	8.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
3E-A003 WL01	Magnesium	14,700.00000	-	µg/L
	Manganese	48.80000	-	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	7,010.00000	-	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	31,700.00000	J	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	16.90000	-	µg/L
	TAL Dissolved Inorganics			
	Aluminum	25.00000	U	µg/L
	Antimony	5.20000	-	µg/L
	Arsenic	26.30000	-	µg/L
	Barium	31.90000	J	µg/L
	Beryllium	1.40000	-	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	103,000.00000	-	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	15.20000	-	µg/L
	Iron	60.00000	U	µg/L
	Lead	3.00000	U	µg/L
	Magnesium	12,300.00000	-	µg/L
	Manganese	19.10000	-	µg/L
	Mercury	0.40000	-	µg/L
3E-A003 WL01	Nickel	10.00000	U	µg/L
	Potassium	7,060.00000	-	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	31,300.00000	-	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
	TCL Volatiles			
	Acetone	10.00000	U	µg/L
	Benzene	10.00000	U	µg/L
	Bromodichloromethane	10.00000	U	µg/L
	Bromoform	10.00000	U	µg/L
	Bromomethane	10.00000	U	µg/L
	2-Butanone	10.00000	U	µg/L
	Carbon Disulfide	10.00000	U	µg/L
	Carbon Tetrachloride	10.00000	U	µg/L
	Chlorobenzene	10.00000	U	µg/L
	Chloroethane	10.00000	U	µg/L
	Chloroform	10.00000	U	µg/L
	Chloromethane	10.00000	U	µg/L
	Dibromochloromethane	10.00000	U	µg/L
	1,1-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethene (total)	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3E-A003 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo(a)anthracene	10.00000 U	µg/L
	Benzo(a)pyrene	10.00000 U	µg/L
	Benzo(b)fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i)perylene	10.00000 U	µg/L
	Benzo(k)fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl)Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3E-A003 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 UJv	µg/L
	gamma-Chlordane	0.05000 UJv	µg/L
	4,4'-DDD	0.10000 UJv	µg/L
	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.05000 UJv	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Endrin ketone	0.10000	UJv	µg/L
	Heptachlor	0.05000	U	µg/L
	Heptachlor epoxide	0.05000	UJv	µg/L
	Methoxychlor	0.50000	UJv	µg/L
	Toxaphene	5.00000	U	µg/L
3E-A003 WL01	Wet Chemistry			
	TOC	6,630.00000	-	µg/L
	TDS	638,000.00000	-	µg/L
	TSS	54,000.00000	-	µg/L
3E-A004 DL01	TAL Total Inorganics			
	Aluminum	10,200.00000	J	mg/kg
	Antimony	2.40000	J	mg/kg
	Arsenic	29.70000	J	mg/kg
	Barium	74.90000	-	mg/kg
	Beryllium	1.10000	-	mg/kg
	Cadmium	9.10000	J	mg/kg
	Calcium	70,900.00000	J	mg/kg
	Chromium	34.90000	Jv	mg/kg
	Cobalt	64.20000	-	mg/kg
	Copper	213.00000	J	mg/kg
	Iron	210,000.00000	-	mg/kg
	Lead	88.00000	J	mg/kg
	Magnesium	2,570.00000	J	mg/kg
	Manganese	1,530.00000	-	mg/kg
	Mercury	0.13000	UR	mg/kg
	Nickel	62.00000	J	mg/kg
	Potassium	2,660.00000	J	mg/kg
	Selenium	0.62000	UJ	mg/kg
	Silver	0.42000	-	mg/kg
	Sodium	22.50000	UJ	mg/kg
	Thallium	0.62000	U	mg/kg
	Vanadium	41.60000	-	mg/kg
	Zinc	253.00000	J	mg/kg
	TCL Volatiles			
	Acetone	0.02200	UJ	mg/kg
	Benzene	0.01200	U	mg/kg
	Bromodichloromethane	0.01200	U	mg/kg
	Bromoform	0.01200	U	mg/kg
	Bromomethane	0.01200	U	mg/kg
	2-Butanone	0.01200	U	mg/kg
	Carbon Disulfide	0.01200	U	mg/kg
	Carbon Tetrachloride	0.01200	U	mg/kg
	Chlorobenzene	0.01200	U	mg/kg
	Chloroethane	0.01200	U	mg/kg
	Chloroform	0.01200	U	mg/kg
	Chloromethane	0.01200	U	mg/kg
	Dibromochloromethane	0.01200	U	mg/kg
	1,1-Dichloroethane	0.01200	U	mg/kg
	1,2-Dichloroethane	0.01200	U	mg/kg
	1,2-Dichloroethene (total)	0.01200	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	1,1-Dichloroethene	0.01200 U mg/kg
	1,2-Dichloropropane	0.01200 U mg/kg
	cis-1,3-Dichloropropene	0.01200 U mg/kg
	trans-1,3-Dichloropropene	0.01200 U mg/kg
	Ethylbenzene	0.01200 U mg/kg
	2-Hexanone	0.01200 U mg/kg
	4-Methyl-2-Pentanone	0.01200 U mg/kg
	Methylene Chloride	0.01200 U mg/kg
	Styrene	0.01200 U mg/kg
	1,1,2,2-Tetrachloroethane	0.01200 U mg/kg
	Tetrachloroethene	0.01200 U mg/kg
	Toluene	0.01200 U mg/kg
	1,1,1-Trichloroethane	0.01200 U mg/kg
	1,1,2-Trichloroethane	0.01200 U mg/kg
	Trichloroethene	0.01200 U mg/kg
	Vinyl Chloride	0.01200 U mg/kg
	Xylene (total)	0.01200 U mg/kg
3E-A004 DL01	TCL Semi-Volatiles	
	Acenaphthene	0.39000 U mg/kg
	Acenaphthylene	0.39000 U mg/kg
	Anthracene	0.39000 U mg/kg
	Benzo (a) anthracene	0.39000 U mg/kg
	Benzo (a) pyrene	0.39000 U mg/kg
	Benzo (b) fluoranthene	0.39000 U mg/kg
	Benzo (g, h, i) perylene	0.39000 U mg/kg
	Benzo (k) fluoranthene	0.39000 U mg/kg
	bis (2-Chloroethoxy) Methane	0.39000 U mg/kg
	bis (2-Chloroethyl) Ether	0.39000 U mg/kg
	bis (2-Ethylhexyl) phthalate	0.02900 U mg/kg
	4-Bromophenyl-phenylether	0.39000 U mg/kg
	Butylbenzylphthalate	0.39000 U mg/kg
	Carbazole	0.39000 U mg/kg
	4-Chloro-3-Methylphenol	0.39000 U mg/kg
	4-Chloroaniline	0.39000 U mg/kg
	2-Chloronaphthalene	0.39000 U mg/kg
	2-Chlorophenol	0.39000 U mg/kg
	4-Chlorophenyl-phenylether	0.39000 U mg/kg
	Chrysene	0.39000 U mg/kg
	Di-n-butylphthalate	0.39000 U mg/kg
	Di-n-octylphthalate	0.39000 U mg/kg
	Dibenz (a, h) anthracene	0.39000 U mg/kg
	Dibenzofuran	0.39000 U mg/kg
	1,2-Dichlorobenzene	0.39000 U mg/kg
	1,3-Dichlorobenzene	0.39000 U mg/kg
	1,4-Dichlorobenzene	0.39000 U mg/kg
	3,3'-Dichlorobenzidine	0.39000 U mg/kg
	2,4-Dichlorophenol	0.39000 U mg/kg
	Diethylphthalate	0.39000 U mg/kg
	2,4-Dimethylphenol	0.39000 U mg/kg
	Dimethylphthalate	0.39000 U mg/kg
	4,6-Dinitro-2-Methylphenol	0.94000 U mg/kg
	2,4-Dinitrophenol	0.94000 U mg/kg
	2,4-Dinitrotoluene	0.39000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,6-Dinitrotoluene	0.39000 U	mg/kg
	Fluoranthene	0.39000 U	mg/kg
	Fluorene	0.39000 U	mg/kg
	Hexachlorobenzene	0.39000 U	mg/kg
	Hexachlorobutadiene	0.39000 U	mg/kg
	Hexachlorocyclopentadiene	0.39000 U	mg/kg
	Hexachloroethane	0.39000 U	mg/kg
	Indeno (1,2,3-cd)pyrene	0.39000 U	mg/kg
	Isophorone	0.39000 U	mg/kg
	2-Methylnaphthalene	0.39000 U	mg/kg
	2-Methylphenol	0.39000 U	mg/kg
	4-Methylphenol	0.39000 U	mg/kg
	Naphthalene	0.39000 U	mg/kg
	2-Nitroaniline	0.94000 U	mg/kg
	3-Nitroaniline	0.94000 U	mg/kg
	4-Nitroaniline	0.94000 U	mg/kg
	Nitrobenzene	0.39000 U	mg/kg
	2-Nitrophenol	0.39000 U	mg/kg
	4-Nitrophenol	0.94000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.39000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.39000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.39000 U	mg/kg
	Pentachlorophenol	0.94000 U	mg/kg
	Phenanthrene	0.39000 U	mg/kg
	Phenol	0.39000 U	mg/kg
	Pyrene	0.39000 U	mg/kg
	1,2,4-Trichlorobenzene	0.39000 U	mg/kg
	2,4,5-Trichlorophenol	0.94000 U	mg/kg
	2,4,6-Trichlorophenol	0.39000 U	mg/kg
3E-A004 DL01	TCL Pesticides		
	Aldrin	0.00200 U	mg/kg
	Aroclor-1016	0.03900 U	mg/kg
	Aroclor-1221	0.08000 U	mg/kg
	Aroclor-1232	0.03900 U	mg/kg
	Aroclor-1242	0.03900 U	mg/kg
	Aroclor-1248	0.03900 U	mg/kg
	Aroclor-1254	0.03900 U	mg/kg
	Aroclor-1260	0.03900 U	mg/kg
	gamma-BHC (Lindane)	0.00200 U	mg/kg
	alpha-BHC	0.00200 U	mg/kg
	beta-BHC	0.00200 U	mg/kg
	delta-BHC	0.00200 U	mg/kg
	alpha-Chlordane	0.00200 U	mg/kg
	gamma-Chlordane	0.00200 U	mg/kg
	4,4'-DDD	0.00390 U	mg/kg
	4,4'-DDE	0.00390 U	mg/kg
	4,4'-DDT	0.00390 U	mg/kg
	Dieldrin	0.00390 U	mg/kg
	Endosulfan I	0.00200 U	mg/kg
	Endosulfan II	0.00390 U	mg/kg
	Endosulfan sulfate	0.00390 U	mg/kg
	Endrin	0.00390 U	mg/kg
	Endrin aldehyde	0.00390 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Endrin ketone	0.00390 U	mg/kg
	Heptachlor	0.00200 U	mg/kg
	Heptachlor epoxide	0.00200 U	mg/kg
	Methoxychlor	0.02000 U	mg/kg
	Toxaphene	0.20000 U	mg/kg
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3E-A004 WL01	TAL Total Inorganics		
	Aluminum	151.00000 UCJ	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	33.30000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	130,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	66.50000 UC	µg/L
	Iron	114.00000 J	µg/L
	Lead	6.20000 J	µg/L
	Magnesium	14,900.00000	µg/L
	Manganese	18.50000 Jv	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	6,530.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	34,800.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	19.30000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	243.00000 Jv	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	10.00000 J	µg/L
	Barium	33.40000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	124,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	7.50000	µg/L
	Iron	151.00000	µg/L
	Lead	3.50000	µg/L
	Magnesium	14,500.00000	µg/L
	Manganese	28.90000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	6,800.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	34,000.00000	µg/L
	Thallium	7.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Vanadium	2.00000 U µg/L
	Zinc	4.00000 U µg/L
3E-A004 WL01	TCL Volatiles	
	Acetone	10.00000 U µg/L
	Benzene	10.00000 U µg/L
	Bromodichloromethane	10.00000 U µg/L
	Bromoform	10.00000 U µg/L
	Bromomethane	10.00000 U µg/L
	2-Butanone	10.00000 U µg/L
	Carbon Disulfide	10.00000 U µg/L
	Carbon Tetrachloride	10.00000 U µg/L
	Chlorobenzene	10.00000 U µg/L
	Chloroethane	10.00000 U µg/L
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	10.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	25.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	10.00000 U	µg/L
	2,4,6-Trichlorophenol	25.00000 U	µg/L
		10.00000 U	µg/L
3E-A004 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
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3E-A004 WL01	Wet Chemistry		
	TOC	7,720.00000	µg/L
	TDS	5,330,000.00000	µg/L
	TSS	1,050,000.00000	µg/L
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3E-A005 DL01	TAL Total Inorganics		
	Aluminum	24,100.00000 J	mg/kg
	Antimony	0.48000 U	mg/kg
	Arsenic	8.60000 J	mg/kg
	Barium	119.00000	mg/kg
	Beryllium	1.50000	mg/kg
	Cadmium	1.00000 J	mg/kg
	Calcium	48,000.00000 J	mg/kg
	Chromium	39.00000 Jv	mg/kg
	Cobalt	13.00000	mg/kg
	Copper	20.50000 J	mg/kg
	Iron	29,300.00000	mg/kg
	Lead	18.10000	mg/kg
	Magnesium	4,490.00000 J	mg/kg
	Manganese	450.00000	mg/kg
	Mercury	0.14000 UR	mg/kg
	Nickel	29.70000 J	mg/kg
	Potassium	5,820.00000 J	mg/kg
	Selenium	0.95000 U	mg/kg
	Silver	0.24000 U	mg/kg
	Sodium	189.00000 J	mg/kg
	Thallium	0.72000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3E-A005 DL01	Vanadium	56.00000	mg/kg
	Zinc	75.80000	mg/kg
	TCL Volatiles		
	Acetone	0.04000	UJ mg/kg
	Benzene	0.01800	U mg/kg
	Bromodichloromethane	0.01800	U mg/kg
	Bromoform	0.01800	U mg/kg
	Bromomethane	0.01800	U mg/kg
	2-Butanone	0.01800	U mg/kg
	Carbon Disulfide	0.01800	U mg/kg
	Carbon Tetrachloride	0.01800	U mg/kg
	Chlorobenzene	0.01800	U mg/kg
	Chloroethane	0.01800	U mg/kg
	Chloroform	0.01800	U mg/kg
	Chloromethane	0.01800	U mg/kg
	Dibromochloromethane	0.01800	U mg/kg
	1,1-Dichloroethane	0.01800	U mg/kg
	1,2-Dichloroethane	0.01800	U mg/kg
	1,2-Dichloroethene (total)	0.01800	U mg/kg
	1,1-Dichloroethene	0.01800	U mg/kg
	1,2-Dichloropropane	0.01800	U mg/kg
	cis-1,3-Dichloropropene	0.01800	U mg/kg
	trans-1,3-Dichloropropene	0.01800	U mg/kg
	Ethylbenzene	0.01800	U mg/kg
	2-Hexanone	0.01800	U mg/kg
	4-Methyl-2-Pentanone	0.01800	U mg/kg
	Methylene Chloride	0.01800	U mg/kg
	Styrene	0.01800	U mg/kg
	1,1,2,2-Tetrachloroethane	0.01800	U mg/kg
	Tetrachloroethene	0.01800	U mg/kg
	Toluene	0.01800	U mg/kg
	1,1,1-Trichloroethane	0.01800	U mg/kg
	1,1,2-Trichloroethane	0.01800	U mg/kg
	Trichloroethene	0.01800	U mg/kg
	Vinyl Chloride	0.01800	U mg/kg
	Xylene (total)	0.01800	U mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.58000	U mg/kg
	Acenaphthylene	0.58000	U mg/kg
	Anthracene	0.58000	U mg/kg
	Benzo(a)anthracene	0.58000	U mg/kg
	Benzo(a)pyrene	0.58000	U mg/kg
	Benzo(b)fluoranthene	0.58000	U mg/kg
	Benzo(g,h,i)perylene	0.58000	U mg/kg
	Benzo(k)fluoranthene	0.58000	U mg/kg
	bis(2-Chloroethoxy)Methane	0.58000	U mg/kg
	bis(2-Chloroethyl) Ether	0.58000	U mg/kg
	bis(2-Ethylhexyl)phthalate	0.58000	U mg/kg
	4-Bromophenyl-phenylether	0.06400	J mg/kg
	Butylbenzylphthalate	0.58000	U mg/kg
	Carbazole	0.58000	U mg/kg
	4-Chloro-3-Methylphenol	0.58000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chloroaniline	0.58000 U	mg/kg
	2-Chloronaphthalene	0.58000 U	mg/kg
	2-Chlorophenol	0.58000 U	mg/kg
	4-Chlorophenyl-phenylether	0.58000 U	mg/kg
	Chrysene	0.58000 U	mg/kg
	Di-n-butylphthalate	0.58000 U	mg/kg
	Di-n-octylphthalate	0.58000 U	mg/kg
	Dibenz(a,h)anthracene	0.58000 U	mg/kg
	Dibenzofuran	0.58000 U	mg/kg
	1,2-Dichlorobenzene	0.58000 U	mg/kg
	1,3-Dichlorobenzene	0.58000 U	mg/kg
	1,4-Dichlorobenzene	0.58000 U	mg/kg
	3,3'-Dichlorobenzidine	0.58000 U	mg/kg
	2,4-Dichlorophenol	0.58000 U	mg/kg
	Diethylphthalate	0.58000 U	mg/kg
	2,4-Dimethylphenol	0.58000 U	mg/kg
	Dimethylphthalate	0.58000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U	mg/kg
	2,4-Dinitrophenol	1.40000 U	mg/kg
	2,4-Dinitrotoluene	0.58000 U	mg/kg
	2,6-Dinitrotoluene	0.58000 U	mg/kg
	Fluoranthene	0.58000 U	mg/kg
	Fluorene	0.58000 U	mg/kg
	Hexachlorobenzene	0.58000 U	mg/kg
	Hexachlorobutadiene	0.58000 U	mg/kg
	Hexachlorocyclopentadiene	0.58000 U	mg/kg
	Hexachloroethane	0.58000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	0.58000 U	mg/kg
	Isophorone	0.58000 U	mg/kg
	2-Methylnaphthalene	0.58000 U	mg/kg
	2-Methylphenol	0.58000 U	mg/kg
	4-Methylphenol	0.58000 U	mg/kg
	Naphthalene	0.58000 U	mg/kg
	2-Nitroaniline	1.40000 U	mg/kg
	3-Nitroaniline	1.40000 U	mg/kg
	4-Nitroaniline	1.40000 U	mg/kg
	Nitrobenzene	0.58000 U	mg/kg
	2-Nitrophenol	0.58000 U	mg/kg
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.58000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.58000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.58000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	0.58000 U	mg/kg
	Phenol	0.58000 U	mg/kg
	Pyrene	0.58000 U	mg/kg
	1,2,4-Trichlorobenzene	0.58000 U	mg/kg
	2,4,5-Trichlorophenol	1.40000 U	mg/kg
	2,4,6-Trichlorophenol	0.58000 U	mg/kg
3E-A005 DL01	TCL Pesticides		
	Aldrin	0.00300 U	mg/kg
	Aroclor-1016	0.05800 U	mg/kg
	Aroclor-1221	0.12000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Aroclor-1232	0.05800	U	mg/kg
	Aroclor-1242	0.05800	U	mg/kg
	Aroclor-1248	0.05800	U	mg/kg
	Aroclor-1254	0.02000	J	mg/kg
	Aroclor-1260	0.05800	U	mg/kg
	gamma-BHC (Lindane)	0.00300	U	mg/kg
	alpha-BHC	0.00300	U	mg/kg
	beta-BHC	0.00300	U	mg/kg
	delta-BHC	0.00300	U	mg/kg
	alpha-Chlordane	0.00300	U	mg/kg
	gamma-Chlordane	0.00300	U	mg/kg
	4,4'-DDD	0.00580	U	mg/kg
	4,4'-DDE	0.00580	U	mg/kg
	4,4'-DDT	0.00580	U	mg/kg
	Dieldrin	0.00580	U	mg/kg
	Endosulfan I	0.00300	U	mg/kg
	Endosulfan II	0.00580	U	mg/kg
	Endosulfan sulfate	0.00580	U	mg/kg
	Endrin	0.00580	U	mg/kg
	Endrin aldehyde	0.00580	U	mg/kg
	Endrin ketone	0.00580	U	mg/kg
	Heptachlor	0.00300	U	mg/kg
	Heptachlor epoxide	0.00300	U	mg/kg
	Methoxychlor	0.03000	U	mg/kg
	Toxaphene	0.30000	U	mg/kg

3E-A005 WL01	TAL Total Inorganics			
	Aluminum	4,140.00000	J	µg/L
	Antimony	1.90000	U	µg/L
	Arsenic	3.50000	U	µg/L
	Barium	45.00000		µg/L
	Beryllium	0.10000	U	µg/L
	Cadmium	0.50000	U	µg/L
	Calcium	97,800.00000	J	µg/L
	Chromium	6.60000	-	µg/L
	Cobalt	1.30000	-	µg/L
	Copper	4.10000	UC	µg/L
	Iron	2,960.00000	J	µg/L
	Lead	2.60000	-	µg/L
	Magnesium	10,700.00000	J	µg/L
	Manganese	52.80000	J	µg/L
	Mercury	0.23000	Jv	µg/L
	Nickel	6.00000	-	µg/L
	Potassium	7,510.00000	J	µg/L
	Selenium	4.40000	U	µg/L
	Silver	0.60000	U	µg/L
	Sodium	24,200.00000	J	µg/L
	Thallium	5.50000	U	µg/L
	Vanadium	9.30000	-	µg/L
	Zinc	13.10000	-	µg/L
	TAL Dissolved Inorganics			
	Aluminum	97.00000	UCJv	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Antimony	1.90000 UF µg/L
	Arsenic	6.90000 UGJv µg/L
	Barium	37.00000 Jv µg/L
	Beryllium	0.10000 UF µg/L
	Cadmium	0.50000 UF µg/L
	Calcium	105,000.00000 Jv µg/L
	Chromium	2.20000 UF µg/L
	Cobalt	0.50000 UF µg/L
	Copper	5.10000 Jv µg/L
	Iron	27.20000 UF µg/L
	Lead	1.60000 UF µg/L
	Magnesium	11,600.00000 Jv µg/L
	Manganese	18.00000 Jv µg/L
	Mercury	0.20000 UF µg/L
	Nickel	1.80000 Jv µg/L
	Potassium	7,950.00000 Jv µg/L
	Selenium	6.70000 Jv µg/L
	Silver	0.60000 UF µg/L
	Sodium	29,200.00000 J µg/L
	Thallium	6.20000 Jv µg/L
	Vanadium	0.81000 Jv µg/L
	Zinc	1.90000 Jv µg/L

3E-A005 WL01	TCL Volatiles	
	Acetone	3.00000 J µg/L
	Benzene	10.00000 U µg/L
	Bromodichloromethane	10.00000 U µg/L
	Bromoform	10.00000 U µg/L
	Bromomethane	10.00000 U µg/L
	2-Butanone	10.00000 U µg/L
	Carbon Disulfide	10.00000 U µg/L
	Carbon Tetrachloride	10.00000 U µg/L
	Chlorobenzene	10.00000 U µg/L
	Chloroethane	10.00000 U µg/L
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3E-A005 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a,h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	3-Nitroaniline	25.00000 U $\mu\text{g/L}$
	4-Nitroaniline	25.00000 U $\mu\text{g/L}$
	Nitrobenzene	10.00000 U $\mu\text{g/L}$
	2-Nitrophenol	10.00000 U $\mu\text{g/L}$
	4-Nitrophenol	25.00000 U $\mu\text{g/L}$
	N-Nitroso-di-n-propylamine	10.00000 U $\mu\text{g/L}$
	N-Nitrosodiphenylamine (1)	10.00000 U $\mu\text{g/L}$
	2,2'-Oxybis (1-Chloropropane)	10.00000 U $\mu\text{g/L}$
	Pentachlorophenol	25.00000 U $\mu\text{g/L}$
	Phenanthrene	10.00000 U $\mu\text{g/L}$
	Phenol	10.00000 U $\mu\text{g/L}$
	Pyrene	10.00000 U $\mu\text{g/L}$
	1,2,4-Trichlorobenzene	10.00000 U $\mu\text{g/L}$
	2,4,5-Trichlorophenol	25.00000 U $\mu\text{g/L}$
	2,4,6-Trichlorophenol	10.00000 U $\mu\text{g/L}$
3E-A005 WL01	TCL Pesticides	
	Aldrin	0.05000 U $\mu\text{g/L}$
	Aroclor-1016	1.00000 U $\mu\text{g/L}$
	Aroclor-1221	2.00000 U $\mu\text{g/L}$
	Aroclor-1232	1.00000 U $\mu\text{g/L}$
	Aroclor-1242	1.00000 U $\mu\text{g/L}$
	Aroclor-1248	1.00000 U $\mu\text{g/L}$
	Aroclor-1254	1.00000 U $\mu\text{g/L}$
	Aroclor-1260	1.00000 U $\mu\text{g/L}$
	gamma-BHC (Lindane)	0.05000 U $\mu\text{g/L}$
	alpha-BHC	0.05000 U $\mu\text{g/L}$
	beta-BHC	0.05000 U $\mu\text{g/L}$
	delta-BHC	0.05000 U $\mu\text{g/L}$
	alpha-Chlordane	0.05000 U $\mu\text{g/L}$
	gamma-Chlordane	0.05000 U $\mu\text{g/L}$
	4,4'-DDD	0.10000 U $\mu\text{g/L}$
	4,4'-DDE	0.10000 U $\mu\text{g/L}$
	4,4'-DDT	0.10000 U $\mu\text{g/L}$
	Dieldrin	0.10000 U $\mu\text{g/L}$
	Endosulfan I	0.05000 U $\mu\text{g/L}$
	Endosulfan II	0.10000 U $\mu\text{g/L}$
	Endosulfan sulfate	0.10000 U $\mu\text{g/L}$
	Endrin	0.10000 U $\mu\text{g/L}$
	Endrin aldehyde	0.10000 U $\mu\text{g/L}$
	Endrin ketone	0.10000 U $\mu\text{g/L}$
	Heptachlor	0.05000 U $\mu\text{g/L}$
	Heptachlor epoxide	0.05000 U $\mu\text{g/L}$
	Methoxychlor	0.50000 U $\mu\text{g/L}$
	Toxaphene	5.00000 U $\mu\text{g/L}$
	Wet Chemistry	
	TOC	4,330.00000 $\mu\text{g/L}$
	TDS	3,630,000.00000 $\mu\text{g/L}$
	TSS	1,530,000.00000 $\mu\text{g/L}$
3E-A006 DL01	TAL Total Inorganics	
	Aluminum	25,500.00000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*	mg/kg
	Antimony	0.49000	UJ	mg/kg
	Arsenic	7.00000	J	mg/kg
	Barium	113.00000	U	mg/kg
	Beryllium	1.50000	U	mg/kg
	Cadmium	0.97000	J	mg/kg
	Calcium	41,500.00000	J	mg/kg
	Chromium	42.20000	Jv	mg/kg
	Cobalt	14.90000	U	mg/kg
	Copper	18.60000	J	mg/kg
	Iron	29,600.00000	J	mg/kg
	Lead	17.80000	J	mg/kg
	Magnesium	4,480.00000	J	mg/kg
	Manganese	458.00000	U	mg/kg
	Mercury	0.15000	UR	mg/kg
	Nickel	29.60000	J	mg/kg
	Potassium	5,820.00000	J	mg/kg
	Selenium	0.74000	UJ	mg/kg
	Silver	0.25000	U	mg/kg
	Sodium	165.00000	Jv	mg/kg
	Thallium	0.74000	U	mg/kg
	Vanadium	58.80000	U	mg/kg
	Zinc	70.80000	J	mg/kg
3E-A006 DL01	TCL Volatiles			
	Acetone	0.02700	UJ	mg/kg
	Benzene	0.01500	U	mg/kg
	Bromodichloromethane	0.01500	U	mg/kg
	Bromoform	0.01500	U	mg/kg
	Bromomethane	0.01500	U	mg/kg
	2-Butanone	0.01500	U	mg/kg
	Carbon Disulfide	0.01500	U	mg/kg
	Carbon Tetrachloride	0.01500	U	mg/kg
	Chlorobenzene	0.01500	U	mg/kg
	Chloroethane	0.01500	U	mg/kg
	Chloroform	0.01500	U	mg/kg
	Chloromethane	0.01500	U	mg/kg
	Dibromochloromethane	0.01500	U	mg/kg
	1,1-Dichloroethane	0.01500	U	mg/kg
	1,2-Dichloroethane	0.01500	U	mg/kg
	1,2-Dichloroethene (total)	0.01500	U	mg/kg
	1,1-Dichloroethene	0.01500	U	mg/kg
	1,2-Dichloropropane	0.01500	U	mg/kg
	cis-1,3-Dichloropropene	0.01500	U	mg/kg
	trans-1,3-Dichloropropene	0.01500	U	mg/kg
	Ethylbenzene	0.01500	U	mg/kg
	2-Hexanone	0.01500	U	mg/kg
	4-Methyl-2-Pentanone	0.01500	U	mg/kg
	Methylene Chloride	0.01500	U	mg/kg
	Styrene	0.01500	U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01500	U	mg/kg
	Tetrachloroethene	0.01500	U	mg/kg
	Toluene	0.01500	U	mg/kg
	1,1,1-Trichloroethane	0.01500	U	mg/kg
	1,1,2-Trichloroethane	0.01500	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result	Qualifier*
	Trichloroethene	0.01500	U mg/kg
	Vinyl Chloride	0.01500	U mg/kg
	Xylene (total)	0.01500	U mg/kg
3E-A006 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.49000	U mg/kg
	Acenaphthylene	0.49000	U mg/kg
	Anthracene	0.49000	U mg/kg
	Benzo (a) anthracene	0.49000	U mg/kg
	Benzo (a) pyrene	0.49000	U mg/kg
	Benzo (b) fluoranthene	0.49000	U mg/kg
	Benzo (g, h, i) perylene	0.49000	U mg/kg
	Benzo (k) fluoranthene	0.49000	U mg/kg
	bis (2-Chloroethoxy) Methane	0.49000	U mg/kg
	bis (2-Chloroethyl) Ether	0.49000	U mg/kg
	bis (2-Ethylhexyl) phthalate	0.07800	U mg/kg
	4-Bromophenyl-phenylether	0.49000	U mg/kg
	Butylbenzylphthalate	0.49000	U mg/kg
	Carbazole	0.49000	U mg/kg
	4-Chloro-3-Methylphenol	0.49000	U mg/kg
	4-Chloroaniline	0.49000	U mg/kg
	2-Chloronaphthalene	0.49000	U mg/kg
	2-Chlorophenol	0.49000	U mg/kg
	4-Chlorophenyl-phenylether	0.49000	U mg/kg
	Chrysene	0.49000	U mg/kg
	Di-n-butylphthalate	0.49000	U mg/kg
	Di-n-octylphthalate	0.49000	U mg/kg
	Dibenz (a, h) anthracene	0.49000	U mg/kg
	Dibenzofuran	0.49000	U mg/kg
	1,2-Dichlorobenzene	0.49000	U mg/kg
	1,3-Dichlorobenzene	0.49000	U mg/kg
	1,4-Dichlorobenzene	0.49000	U mg/kg
	3,3'-Dichlorobenzidine	0.49000	U mg/kg
	2,4-Dichlorophenol	0.49000	U mg/kg
	Diethylphthalate	0.49000	U mg/kg
	2,4-Dimethylphenol	0.49000	U mg/kg
	Dimethylphthalate	0.49000	U mg/kg
	4,6-Dinitro-2-Methylphenol	1.20000	U mg/kg
	2,4-Dinitrophenol	1.20000	U mg/kg
	2,4-Dinitrotoluene	0.49000	U mg/kg
	2,6-Dinitrotoluene	0.49000	U mg/kg
	Fluoranthene	0.49000	U mg/kg
	Fluorene	0.49000	U mg/kg
	Hexachlorobenzene	0.49000	U mg/kg
	Hexachlorobutadiene	0.49000	U mg/kg
	Hexachlorocyclopentadiene	0.49000	U mg/kg
	Hexachloroethane	0.49000	U mg/kg
	Indeno (1, 2, 3-cd) pyrene	0.49000	U mg/kg
	Isophorone	0.49000	U mg/kg
	2-Methylnaphthalene	0.49000	U mg/kg
	2-Methylphenol	0.49000	U mg/kg
	4-Methylphenol	0.49000	U mg/kg
	Naphthalene	0.49000	U mg/kg
	2-Nitroaniline	1.20000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result	Qualifier*
3E-A006 DL01	3-Nitroaniline	1.20000	U mg/kg
	4-Nitroaniline	1.20000	U mg/kg
	Nitrobenzene	0.49000	U mg/kg
	2-Nitrophenol	0.49000	U mg/kg
	4-Nitrophenol	1.20000	U mg/kg
	N-Nitroso-di-n-propylamine	0.49000	U mg/kg
	N-Nitrosodiphenylamine (1)	0.49000	U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.49000	U mg/kg
	Pentachlorophenol	1.20000	U mg/kg
	Phenanthrene	0.49000	U mg/kg
	Phenol	0.49000	U mg/kg
	Pyrene	0.49000	U mg/kg
	1,2,4-Trichlorobenzene	0.49000	U mg/kg
	2,4,5-Trichlorophenol	1.20000	U mg/kg
	2,4,6-Trichlorophenol	0.49000	U mg/kg
	TCL Pesticides		
	Aldrin	0.00250	U mg/kg
	Aroclor-1016	0.04900	U mg/kg
	Aroclor-1221	0.10000	U mg/kg
	Aroclor-1232	0.04900	U mg/kg
	Aroclor-1242	0.04900	U mg/kg
	Aroclor-1248	0.04900	U mg/kg
	Aroclor-1254	0.04900	U mg/kg
	Aroclor-1260	0.01600	U mg/kg
	gamma-BHC (Lindane)	0.04900	U mg/kg
	alpha-BHC	0.00250	U mg/kg
	beta-BHC	0.00250	U mg/kg
	delta-BHC	0.00250	U mg/kg
	alpha-Chlordane	0.00250	U mg/kg
	gamma-Chlordane	0.00250	U mg/kg
	4,4'-DDD	0.00250	U mg/kg
	4,4'-DDE	0.00490	U mg/kg
	4,4'-DDT	0.00490	U mg/kg
	Dieldrin	0.00490	U mg/kg
3E-A006 WL01	Endosulfan I	0.00490	U mg/kg
	Endosulfan II	0.00250	U mg/kg
	Endosulfan sulfate	0.00490	U mg/kg
	Endrin	0.00490	U mg/kg
	Endrin aldehyde	0.00490	U mg/kg
	Endrin ketone	0.00490	U mg/kg
	Heptachlor	0.00490	U mg/kg
	Heptachlor epoxide	0.00250	U mg/kg
	Methoxychlor	0.00250	U mg/kg
	Toxaphene	0.02500	U mg/kg
		0.25000	U mg/kg
	TAL Total Inorganics		
	Aluminum	2,540.00000	J µg/L
	Antimony	2.20000	µg/L
	Arsenic	3.50000	µg/L
	Barium	39.10000	µg/L
	Beryllium	0.10000	µg/L
	Cadmium	0.50000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result	Qualifier*
	Calcium	98,100.00000	J µg/L
	Chromium	4.50000	µg/L
	Cobalt	1.10000	µg/L
	Copper	4.00000	U µg/L
	Iron	1,710.00000	J µg/L
	Lead	1.60000	U µg/L
	Magnesium	10,600.00000	J µg/L
	Manganese	32.50000	J µg/L
	Mercury	0.20000	UCV µg/L
	Nickel	6.50000	µg/L
	Potassium	7,060.00000	J µg/L
	Selenium	4.40000	U µg/L
	Silver	0.60000	U µg/L
	Sodium	24,500.00000	J µg/L
	Thallium	5.50000	U µg/L
	Vanadium	6.20000	µg/L
	Zinc	12.20000	µg/L

3E-A006 WL01	TAL Dissolved Inorganics		
	Aluminum	103.00000	UCJV µg/L
	Antimony	1.90000	UF µg/L
	Arsenic	4.30000	UCJV µg/L
	Barium	36.70000	JV µg/L
	Beryllium	0.10000	UF µg/L
	Cadmium	0.50000	UF µg/L
	Calcium	103,000.00000	JV µg/L
	Chromium	2.20000	UF µg/L
	Cobalt	0.50000	UF µg/L
	Copper	3.80000	JV µg/L
	Iron	27.20000	UF µg/L
	Lead	3.80000	JV µg/L
	Magnesium	11,600.00000	JV µg/L
	Manganese	14.90000	JV µg/L
	Mercury	0.20000	UF µg/L
	Nickel	2.10000	JV µg/L
	Potassium	8,020.00000	JV µg/L
	Selenium	4.40000	UF µg/L
	Silver	0.60000	UF µg/L
	Sodium	29,400.00000	J µg/L
	Thallium	6.50000	JV µg/L
	Vanadium	0.99000	JV µg/L
	Zinc	1.30000	JV µg/L
	TCL Volatiles		
	Acetone	10.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3E-A006 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
3X-A006 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 U µg/L
	4,4'-DDD	0.10000 U µg/L
	4,4'-DDE	0.10000 U µg/L
	4,4'-DDT	0.10000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
3E-A006 WL01	Dieldrin	0.10000	U µg/L
	Endosulfan I	0.05000	U µg/L
	Endosulfan II	0.10000	U µg/L
	Endosulfan sulfate	0.10000	U µg/L
	Endrin	0.10000	U µg/L
	Endrin aldehyde	0.10000	U µg/L
	Endrin ketone	0.10000	U µg/L
	Heptachlor	0.05000	U µg/L
	Heptachlor epoxide	0.05000	U µg/L
	Methoxychlor	0.50000	U µg/L
	Toxaphene	5.00000	U µg/L
	Wet Chemistry		
	TOC	3,820.00000	µg/L
3F-A001 DL01	TDS	3,320,000.00000	µg/L
	TSS	2,000,000.00000	µg/L
3F-A001 DL01	TAL Total Inorganics		
	Aluminum	13,400.00000	J mg/kg
	Antimony	3.20000	J mg/kg
	Arsenic	10.90000	J mg/kg
	Barium	86.60000	J mg/kg
	Beryllium	1.20000	J mg/kg
	Cadmium	1.50000	J mg/kg
	Calcium	62,300.00000	J mg/kg
	Chromium	66.60000	Jv mg/kg
	Cobalt	13.80000	J mg/kg
	Copper	26.20000	J mg/kg
	Iron	32,400.00000	J mg/kg
	Lead	427.00000	J mg/kg
	Magnesium	3,310.00000	J mg/kg
	Manganese	517.00000	J mg/kg
	Mercury	0.14000	UR mg/kg
	Nickel	35.70000	J mg/kg
	Potassium	3,380.00000	J mg/kg
	Selenium	0.88000	UJ mg/kg
	Silver	0.29000	U mg/kg
	Sodium	39.70000	Jv mg/kg
	Thallium	0.88000	U mg/kg
	Vanadium	42.80000	U mg/kg
	Zinc	122.00000	J mg/kg
	TCL Volatiles		
	Acetone	0.01900	UJ mg/kg
	Benzene	0.01600	U mg/kg
	Bromodichloromethane	0.01600	U mg/kg
	Bromoform	0.01600	U mg/kg
	Bromomethane	0.01600	U mg/kg
	2-Butanone	0.01600	U mg/kg
	Carbon Disulfide	0.01600	U mg/kg
	Carbon Tetrachloride	0.01600	U mg/kg
	Chlorobenzene	0.01600	U mg/kg
	Chloroethane	0.01600	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Chloroform	0.01600 U	mg/kg
	Chloromethane	0.01600 U	mg/kg
	Dibromochloromethane	0.01600 U	mg/kg
	1,1-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethane	0.01600 U	mg/kg
	1,2-Dichloroethene (total)	0.01600 U	mg/kg
	1,1-Dichloroethene	0.01600 U	mg/kg
	1,2-Dichloropropane	0.01600 U	mg/kg
	cis-1,3-Dichloropropene	0.01600 U	mg/kg
	trans-1,3-Dichloropropene	0.01600 U	mg/kg
	Ethylbenzene	0.01600 U	mg/kg
	2-Hexanone	0.01600 U	mg/kg
	4-Methyl-2-Pentanone	0.01600 U	mg/kg
	Methylene Chloride	0.01600 U	mg/kg
	Styrene	0.01600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01600 U	mg/kg
	Tetrachloroethene	0.01600 U	mg/kg
	Toluene	0.01600 U	mg/kg
	1,1,1-Trichloroethane	0.01600 U	mg/kg
	1,1,2-Trichloroethane	0.01600 U	mg/kg
	Trichloroethene	0.01600 U	mg/kg
	Vinyl Chloride	0.01600 U	mg/kg
	Xylene (total)	0.01600 U	mg/kg
3F-A001 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.52000 U	mg/kg
	Acenaphthylene	0.52000 U	mg/kg
	Anthracene	0.52000 U	mg/kg
	Benzo (a) anthracene	0.52000 U	mg/kg
	Benzo (a) pyrene	0.52000 U	mg/kg
	Benzo (b) fluoranthene	0.52000 U	mg/kg
	Benzo (g,h,i) perylene	0.52000 U	mg/kg
	Benzo (k) fluoranthene	0.52000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.52000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.52000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.05700 U	mg/kg
	4-Bromophenyl-phenylether	0.52000 U	mg/kg
	Butylbenzylphthalate	0.52000 U	mg/kg
	Carbazole	0.52000 U	mg/kg
	4-Chloro-3-Methylphenol	0.52000 U	mg/kg
	4-Chloroaniline	0.52000 U	mg/kg
	2-Chloronaphthalene	0.52000 U	mg/kg
	2-Chlorophenol	0.52000 U	mg/kg
	4-Chlorophenyl-phenylether	0.52000 U	mg/kg
	Chrysene	0.52000 U	mg/kg
	Di-n-butylphthalate	0.52000 U	mg/kg
	Di-n-octylphthalate	0.52000 U	mg/kg
	Dibenz (a,h) anthracene	0.52000 U	mg/kg
	Dibenzofuran	0.52000 U	mg/kg
	1,2-Dichlorobenzene	0.52000 U	mg/kg
	1,3-Dichlorobenzene	0.52000 U	mg/kg
	1,4-Dichlorobenzene	0.52000 U	mg/kg
	3,3'-Dichlorobenzidine	0.52000 U	mg/kg
	2,4-Dichlorophenol	0.52000 U	mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Diethylphthalate	0.02900	U	mg/kg
	2,4-Dimethylphenol	0.52000	U	mg/kg
	Dimethylphthalate	0.52000	U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.30000	U	mg/kg
	2,4-Dinitrophenol	1.30000	U	mg/kg
	2,4-Dinitrotoluene	0.52000	U	mg/kg
	2,6-Dinitrotoluene	0.52000	U	mg/kg
	Fluoranthene	0.52000	U	mg/kg
	Fluorene	0.52000	U	mg/kg
	Hexachlorobenzene	0.52000	U	mg/kg
	Hexachlorobutadiene	0.52000	U	mg/kg
	Hexachlorocyclopentadiene	0.52000	U	mg/kg
	Hexachloroethane	0.52000	U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.52000	U	mg/kg
	Isophorone	0.52000	U	mg/kg
	2-Methylnaphthalene	0.52000	U	mg/kg
	2-Methylphenol	0.52000	U	mg/kg
	4-Methylphenol	0.52000	U	mg/kg
	Naphthalene	0.52000	U	mg/kg
	2-Nitroaniline	0.52000	U	mg/kg
	3-Nitroaniline	1.30000	U	mg/kg
	4-Nitroaniline	1.30000	U	mg/kg
	Nitrobenzene	1.30000	U	mg/kg
	2-Nitrophenol	0.52000	U	mg/kg
	4-Nitrophenol	0.52000	U	mg/kg
	N-Nitroso-di-n-propylamine	1.30000	U	mg/kg
	N-Nitrosodiphenylamine (1)	0.52000	U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.52000	U	mg/kg
	Pentachlorophenol	0.52000	U	mg/kg
	Phenanthrene	1.30000	U	mg/kg
	Phenol	0.52000	U	mg/kg
	Pyrene	0.52000	U	mg/kg
	1,2,4-Trichlorobenzene	0.52000	U	mg/kg
	2,4,5-Trichlorophenol	0.52000	U	mg/kg
	2,4,6-Trichlorophenol	1.30000	U	mg/kg
		0.52000	U	mg/kg
3F-A001 DL01	TCL Pesticides			
	Aldrin	0.00270	U	mg/kg
	Aroclor-1016	0.05200	U	mg/kg
	Aroclor-1221	0.11000	U	mg/kg
	Aroclor-1232	0.05200	U	mg/kg
	Aroclor-1242	0.05200	U	mg/kg
	Aroclor-1248	0.05200	U	mg/kg
	Aroclor-1254	0.05200	U	mg/kg
	Aroclor-1260	0.02900	U	mg/kg
	gamma-BHC (Lindane)	0.05200	U	mg/kg
	alpha-BHC	0.00270	U	mg/kg
	beta-BHC	0.00270	U	mg/kg
	delta-BHC	0.00270	U	mg/kg
	alpha-Chlordane	0.00270	U	mg/kg
	gamma-Chlordane	0.00270	U	mg/kg
	4,4'-DDD	0.00058	U	mg/kg
	4,4'-DDE	0.00520	U	mg/kg
	4,4'-DDT	0.00079	J	mg/kg
		0.00520	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
	Dieldrin	0.00088 J mg/kg
	Endosulfan I	0.00270 U mg/kg
	Endosulfan II	0.00520 U mg/kg
	Endosulfan sulfate	0.00520 U mg/kg
	Endrin	0.00520 U mg/kg
	Endrin aldehyde	0.00520 U mg/kg
	Endrin ketone	0.00520 U mg/kg
	Heptachlor	0.00270 U mg/kg
	Heptachlor epoxide	0.00036 J mg/kg
	Methoxychlor	0.02700 U mg/kg
	Toxaphene	0.27000 U mg/kg
3F-A001 DL01	TCLP Inorganics	
	Arsenic	0.00220 U mg/L
	Barium	0.66900 J mg/L
	Cadmium	0.00440 U mg/L
	Chromium	0.00570 U mg/L
	Lead	0.01650 BS mg/L
	Mercury	0.00020 U mg/L
	Selenium	0.02700 UJ mg/L
	Silver	0.00450 U mg/L
	TCLP Volatiles	
	Benzene	0.05000 U mg/L
	2-Butanone	0.10000 U mg/L
	Carbon Tetrachloride	0.05000 U mg/L
	Chlorobenzene	0.05000 U mg/L
	Chloroform	0.02500 U mg/L
	1,2-Dichloroethane	0.02500 U mg/L
	1,1-Dichloroethene	0.02500 U mg/L
	Tetrachloroethene	0.05000 U mg/L
	Trichloroethene	0.02500 U mg/L
	Vinyl Chloride	0.05000 U mg/L
	TCLP Semi-Volatiles	
	1,4-Dichlorobenzene	0.05000 U mg/L
	2,4-Dinitrotoluene	0.05000 U mg/L
	Hexachlorobenzene	0.07500 U mg/L
	Hexachlorobutadiene	0.02500 U mg/L
	Hexachloroethane	0.05000 U mg/L
	2-Methylphenol	0.10000 UR mg/L
	3-Methylphenol	0.18000 UR mg/L
	4-Methylphenol	0.18000 UR mg/L
	Nitrobenzene	0.05000 U mg/L
	Pentachlorophenol	0.28000 UR mg/L
	Pyridine	0.10000 U mg/L
	2,4,5-Trichlorophenol	0.12000 UR mg/L
	2,4,6-Trichlorophenol	0.12000 UR mg/L
	TCLP Pesticides	
	gamma-BHC (Lindane)	0.20000 U mg/L
	Chlordane	0.01500 U mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U mg/L
	Endrin	0.01000 U mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
<hr/>			
3F-A001 WL01	TAL Total Inorganics		
	Aluminum	243.00000	µg/L
	Antimony	2.00000 U	µg/L
	Arsenic	3.00000 U	µg/L
	Barium	35.70000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	1.00000 U	µg/L
	Calcium	149,000.00000	µg/L
	Chromium	1.00000 U	µg/L
	Cobalt	1.00000 U	µg/L
	Copper	1.00000 U	µg/L
	Iron	1.60000	µg/L
	Lead	229.00000 U	µg/L
	Magnesium	1.20000	µg/L
	Manganese	19,000.00000	µg/L
	Mercury	34.20000	µg/L
	Nickel	0.20000 U	µg/L
	Potassium	2.60000	µg/L
	Selenium	4,910.00000	µg/L
	Silver	3.00000 U	µg/L
	Sodium	1.00000 U	µg/L
	Thallium	51,400.00000	µg/L
	Vanadium	3.00000 U	µg/L
	Zinc	1.00000 U	µg/L
		3.80000 UC	µg/L
	TAL Dissolved Inorganics		
	Aluminum	81.60000	µg/L
	Antimony	7.60000	µg/L
	Arsenic	3.00000 U	µg/L
	Barium	38.80000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	1.00000 U	µg/L
	Calcium	165,000.00000	µg/L
	Chromium	1.00000 U	µg/L
	Cobalt	1.00000 U	µg/L
	Copper	1.00000 U	µg/L
	Iron	3.00000	µg/L
	Lead	7.00000 U	µg/L
	Magnesium	1.00000 U	µg/L
	Manganese	21,400.00000	µg/L
	Mercury	14.00000 U	µg/L
	Nickel	0.20000 U	µg/L
	Potassium	3.50000	µg/L
	Selenium	5,370.00000	µg/L
	Silver	10.80000	µg/L
	Sodium	1.00000 U	µg/L
	Thallium	57,800.00000 U	µg/L
		3.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Vanadium	1.00000 U	µg/L
	Zinc	7.40000 U	µg/L
3F-A001 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropene	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3F-A001 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 U µg/L
	4,4'-DDD	0.10000 U µg/L
	4,4'-DDE	0.10000 U µg/L
	4,4'-DDT	0.10000 U µg/L
	Dieldrin	0.10000 U µg/L
	Endosulfan I	0.05000 U µg/L
	Endosulfan II	0.10000 U µg/L
	Endosulfan sulfate	0.10000 U µg/L
	Endrin	0.10000 U µg/L
	Endrin aldehyde	0.10000 U µg/L
	Endrin ketone	0.10000 U µg/L
	Heptachlor	0.05000 U µg/L
	Heptachlor epoxide	0.05000 U µg/L
	Methoxychlor	0.50000 U µg/L
	Toxaphene	5.00000 U µg/L

3F-A001 WL01	Wet Chemistry	
	TOC	4,470.00000 µg/L
	TDS	4,170,000.00000 µg/L
	TSS	2,880,000.00000 µg/L

3F-A002 DL01	TAL Total Inorganics	
	Aluminum	13,100.00000 J mg/kg
	Antimony	5.80000 J mg/kg
	Arsenic	13.70000 J mg/kg
	Barium	110.00000 J mg/kg
	Beryllium	1.00000 J mg/kg
	Cadmium	3.90000 J mg/kg
	Calcium	71,000.00000 J mg/kg
	Chromium	29.10000 Jv mg/kg
	Cobalt	8.40000 J mg/kg
	Copper	37.60000 J mg/kg
	Iron	27,700.00000 J mg/kg
	Lead	237.00000 J mg/kg
	Magnesium	3,270.00000 J mg/kg
	Manganese	404.00000 J mg/kg
	Mercury	0.19000 UR mg/kg
	Nickel	27.40000 J mg/kg
	Potassium	4,240.00000 J mg/kg
	Selenium	0.92000 UJ mg/kg
	Silver	0.31000 U mg/kg
	Sodium	486.00000 Jv mg/kg
	Thallium	0.92000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Vanadium	33.70000	mg/kg
	Zinc	178.00000 J	mg/kg
3F-A002 DL01	TCL Volatiles		
	Acetone	0.03300 UJ	mg/kg
	Benzene	0.02000 U	mg/kg
	Bromodichloromethane	0.02000 U	mg/kg
	Bromoform	0.02000 U	mg/kg
	Bromomethane	0.02000 U	mg/kg
	2-Butanone	0.02000 U	mg/kg
	Carbon Disulfide	0.02000 U	mg/kg
	Carbon Tetrachloride	0.02000 U	mg/kg
	Chlorobenzene	0.02000 U	mg/kg
	Chloroethane	0.02000 U	mg/kg
	Chloroform	0.02000 U	mg/kg
	Chloromethane	0.02000 U	mg/kg
	Dibromochloromethane	0.02000 U	mg/kg
	1,1-Dichloroethane	0.02000 U	mg/kg
	1,2-Dichloroethane	0.02000 U	mg/kg
	1,2-Dichloroethene (total)	0.02000 U	mg/kg
	1,1-Dichloroethene	0.02000 U	mg/kg
	1,2-Dichloropropane	0.02000 U	mg/kg
	cis-1,3-Dichloropropene	0.02000 U	mg/kg
	trans-1,3-Dichloropropene	0.02000 U	mg/kg
	Ethylbenzene	0.02000 U	mg/kg
	2-Hexanone	0.02000 U	mg/kg
	4-Methyl-2-Pentanone	0.02000 U	mg/kg
	Methylene Chloride	0.02000 U	mg/kg
	Styrene	0.02000 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.02000 U	mg/kg
	Tetrachloroethene	0.02000 U	mg/kg
	Toluene	0.02000 U	mg/kg
	1,1,1-Trichloroethane	0.02000 U	mg/kg
	1,1,2-Trichloroethane	0.02000 U	mg/kg
	Trichloroethene	0.02000 U	mg/kg
	Vinyl Chloride	0.02000 U	mg/kg
	Xylene (total)	0.02000 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.64000 U	mg/kg
	Acenaphthylene	0.64000 U	mg/kg
	Anthracene	0.64000 U	mg/kg
	Benzo (a) anthracene	0.04600 J	mg/kg
	Benzo (a) pyrene	0.64000 U	mg/kg
	Benzo (b) fluoranthene	0.64000 U	mg/kg
	Benzo (g, h, i) perylene	0.64000 U	mg/kg
	Benzo (k) fluoranthene	0.64000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.64000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.23000 J	mg/kg
	bis (2-Ethylhexyl) phthalate	0.11000 J	mg/kg
	4-Bromophenyl-phenylether	0.64000 U	mg/kg
	Butylbenzylphthalate	0.64000 U	mg/kg
	Carbazole	0.64000 U	mg/kg
	4-Chloro-3-Methylphenol	0.64000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	4-Chloroaniline	0.64000 U mg/kg
	2-Chloronaphthalene	0.64000 U mg/kg
	2-Chlorophenol	0.64000 U mg/kg
	4-Chlorophenyl-phenylether	0.64000 U mg/kg
	Chrysene	0.05400 U mg/kg
	Di-n-butylphthalate	0.64000 U mg/kg
	Di-n-octylphthalate	0.64000 U mg/kg
	Dibenz (a,h) anthracene	0.64000 U mg/kg
	Dibenzofuran	0.64000 U mg/kg
	1,2-Dichlorobenzene	0.64000 U mg/kg
	1,3-Dichlorobenzene	0.64000 U mg/kg
	1,4-Dichlorobenzene	0.64000 U mg/kg
	3,3'-Dichlorobenzidine	0.64000 U mg/kg
	2,4-Dichlorophenol	0.64000 U mg/kg
	Diethylphthalate	0.04300 U mg/kg
	2,4-Dimethylphenol	0.64000 U mg/kg
	Dimethylphthalate	0.64000 U mg/kg
	4,6-Dinitro-2-Methylphenol	1.60000 U mg/kg
	2,4-Dinitrophenol	1.60000 U mg/kg
	2,4-Dinitrotoluene	0.64000 U mg/kg
	2,6-Dinitrotoluene	0.64000 U mg/kg
	Fluoranthene	0.07700 U mg/kg
	Fluorene	0.64000 U mg/kg
	Hexachlorobenzene	0.64000 U mg/kg
	Hexachlorobutadiene	0.64000 U mg/kg
	Hexachlorocyclopentadiene	0.64000 U mg/kg
	Hexachloroethane	0.64000 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.64000 U mg/kg
	Isophorone	0.64000 U mg/kg
	2-Methylnaphthalene	0.64000 U mg/kg
	2-Methylphenol	0.64000 U mg/kg
	4-Methylphenol	0.64000 U mg/kg
	Naphthalene	0.64000 U mg/kg
	2-Nitroaniline	1.60000 U mg/kg
	3-Nitroaniline	1.60000 U mg/kg
	4-Nitroaniline	1.60000 U mg/kg
	Nitrobenzene	0.64000 U mg/kg
	2-Nitrophenol	0.64000 U mg/kg
	4-Nitrophenol	1.60000 U mg/kg
	N-Nitroso-di-n-propylamine	0.64000 U mg/kg
	N-Nitrosodiphenylamine (1)	0.64000 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.64000 U mg/kg
	Pentachlorophenol	1.60000 U mg/kg
	Phenanthrene	0.04000 U mg/kg
	Phenol	0.64000 U mg/kg
	Pyrene	0.08700 U mg/kg
	1,2,4-Trichlorobenzene	0.64000 U mg/kg
	2,4,5-Trichlorophenol	1.60000 U mg/kg
	2,4,6-Trichlorophenol	0.64000 U mg/kg
3F-A002 DL01	TCL Pesticides	
	Aldrin	0.01300 U mg/kg
	Aroclor-1016	0.26000 U mg/kg
	Aroclor-1221	0.52700 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Aroclor-1232	0.26000	U	mg/kg
	Aroclor-1242	0.26000	U	mg/kg
	Aroclor-1248	0.26000	U	mg/kg
	Aroclor-1254	0.26000	U	mg/kg
	Aroclor-1260	0.26000	U	mg/kg
	gamma-BHC (Lindane)	0.01300	U	mg/kg
	alpha-BHC	0.01300	U	mg/kg
	beta-BHC	0.01300	U	mg/kg
	delta-BHC	0.01300	U	mg/kg
	alpha-Chlordane	0.01300	U	mg/kg
	gamma-Chlordane	0.01300	U	mg/kg
	4,4'-DDD	0.00340	J	mg/kg
	4,4'-DDE	0.05400	U	mg/kg
	4,4'-DDT	0.01000	J	mg/kg
	Dieldrin	0.01000	J	mg/kg
	Endosulfan I	0.00510	J	mg/kg
	Endosulfan II	0.01300	U	mg/kg
	Endosulfan sulfate	0.02600	U	mg/kg
	Endrin	0.02600	U	mg/kg
	Endrin aldehyde	0.02600	U	mg/kg
	Endrin ketone	0.02600	U	mg/kg
	Heptachlor	0.01300	U	mg/kg
	Heptachlor epoxide	0.01300	U	mg/kg
	Methoxychlor	0.13000	U	mg/kg
	Toxaphene	1.30000	U	mg/kg
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3F-A003 DL01	TAL Total Inorganics			
	Aluminum	8,210.00000	J	mg/kg
	Antimony	0.46000	UJ	mg/kg
	Arsenic	13.90000	J	mg/kg
	Barium	52.40000	U	mg/kg
	Beryllium	0.76000	U	mg/kg
	Cadmium	1.30000	J	mg/kg
	Calcium	220,000.00000	J	mg/kg
	Chromium	16.20000	Jv	mg/kg
	Cobalt	17.50000	U	mg/kg
	Copper	11.80000	J	mg/kg
	Iron	24,400.00000	U	mg/kg
	Lead	11.30000	J	mg/kg
	Magnesium	2,440.00000	J	mg/kg
	Manganese	1,000.00000	U	mg/kg
	Mercury	0.12000	UR	mg/kg
	Nickel	25.40000	J	mg/kg
	Potassium	2,700.00000	J	mg/kg
	Selenium	0.70000	UJ	mg/kg
	Silver	0.23000	U	mg/kg
	Sodium	534.00000	Jv	mg/kg
	Thallium	0.70000	U	mg/kg
	Vanadium	32.30000	U	mg/kg
	Zinc	47.80000	J	mg/kg
	TCL Volatiles			
	Acetone	0.02500	UJ	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Benzene	0.01400 U	mg/kg
	Bromodichloromethane	0.01400 U	mg/kg
	Bromoform	0.01400 U	mg/kg
	Bromomethane	0.01400 U	mg/kg
	2-Butanone	0.01400 U	mg/kg
	Carbon Disulfide	0.01400 U	mg/kg
	Carbon Tetrachloride	0.01400 U	mg/kg
	Chlorobenzene	0.01400 U	mg/kg
	Chloroethane	0.01400 U	mg/kg
	Chloroform	0.01400 U	mg/kg
	Chloromethane	0.01400 U	mg/kg
	Dibromochloromethane	0.01400 U	mg/kg
	1,1-Dichloroethane	0.01400 U	mg/kg
	1,2-Dichloroethane	0.01400 U	mg/kg
	1,2-Dichloroethene (total)	0.01400 U	mg/kg
	1,1-Dichloroethene	0.01400 U	mg/kg
	1,2-Dichloropropane	0.01400 U	mg/kg
	cis-1,3-Dichloropropene	0.01400 U	mg/kg
	trans-1,3-Dichloropropene	0.01400 U	mg/kg
	Ethylbenzene	0.01400 U	mg/kg
	2-Hexanone	0.01400 U	mg/kg
	4-Methyl-2-Pentanone	0.01400 U	mg/kg
	Methylene Chloride	0.01400 U	mg/kg
	Styrene	0.01400 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01400 U	mg/kg
	Tetrachloroethene	0.01400 U	mg/kg
	Toluene	0.01400 U	mg/kg
	1,1,1-Trichloroethane	0.01400 U	mg/kg
	1,1,2-Trichloroethane	0.01400 U	mg/kg
	Trichloroethene	0.01400 U	mg/kg
	Vinyl Chloride	0.01400 U	mg/kg
	Xylene (total)	0.01400 U	mg/kg
3F-A003 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.44000 U	mg/kg
	Acenaphthylene	0.44000 U	mg/kg
	Anthracene	0.44000 U	mg/kg
	Benzo (a) anthracene	0.44000 U	mg/kg
	Benzo (a) pyrene	0.44000 U	mg/kg
	Benzo (b) fluoranthene	0.44000 U	mg/kg
	Benzo (g, h, i) perylene	0.44000 U	mg/kg
	Benzo (k) fluoranthene	0.44000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.44000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.44000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.03900 U	mg/kg
	4-Bromophenyl-phenylether	0.44000 U	mg/kg
	Butylbenzylphthalate	0.44000 U	mg/kg
	Carbazole	0.44000 U	mg/kg
	4-Chloro-3-Methylphenol	0.44000 U	mg/kg
	4-Chloroaniline	0.44000 U	mg/kg
	2-Chloronaphthalene	0.44000 U	mg/kg
	2-Chlorophenol	0.44000 U	mg/kg
	4-Chlorophenyl-phenylether	0.44000 U	mg/kg
	Chrysene	0.44000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Di-n-butylphthalate	0.44000 U	mg/kg
	Di-n-octylphthalate	0.44000 U	mg/kg
	Dibenz(a,h)anthracene	0.44000 U	mg/kg
	Dibenzofuran	0.44000 U	mg/kg
	1,2-Dichlorobenzene	0.44000 U	mg/kg
	1,3-Dichlorobenzene	0.44000 U	mg/kg
	1,4-Dichlorobenzene	0.44000 U	mg/kg
	3,3'-Dichlorobenzidine	0.44000 U	mg/kg
	2,4-Dichlorophenol	0.44000 U	mg/kg
	Diethylphthalate	0.44000 U	mg/kg
	2,4-Dimethylphenol	0.44000 U	mg/kg
	Dimethylphthalate	0.44000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.44000 U	mg/kg
	2,4-Dinitrophenol	1.10000 U	mg/kg
	2,4-Dinitrotoluene	1.10000 U	mg/kg
	2,6-Dinitrotoluene	0.44000 U	mg/kg
	Fluoranthene	0.44000 U	mg/kg
	Fluorene	0.44000 U	mg/kg
	Hexachlorobenzene	0.44000 U	mg/kg
	Hexachlorobutadiene	0.44000 U	mg/kg
	Hexachlorocyclopentadiene	0.44000 U	mg/kg
	Hexachloroethane	0.44000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	0.44000 U	mg/kg
	Isochlorone	0.44000 U	mg/kg
	2-Methylnaphthalene	0.44000 U	mg/kg
	2-Methylphenol	0.44000 U	mg/kg
	4-Methylphenol	0.44000 U	mg/kg
	Naphthalene	0.44000 U	mg/kg
	2-Nitroaniline	0.44000 U	mg/kg
	3-Nitroaniline	1.10000 U	mg/kg
	4-Nitroaniline	1.10000 U	mg/kg
	Nitrobenzene	1.10000 U	mg/kg
	2-Nitrophenol	0.44000 U	mg/kg
	4-Nitrophenol	0.44000 U	mg/kg
	N-Nitroso-di-n-propylamine	1.10000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.44000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.44000 U	mg/kg
	Pentachlorophenol	0.44000 U	mg/kg
	Phenanthrene	1.10000 U	mg/kg
	Phenol	0.44000 U	mg/kg
	Pyrene	0.44000 U	mg/kg
	1,2,4-Trichlorobenzene	0.44000 U	mg/kg
	2,4,5-Trichlorophenol	0.44000 U	mg/kg
	2,4,6-Trichlorophenol	1.10000 U	mg/kg
		0.44000 U	mg/kg
3F-A003 DL01	TCL Pesticides		
	Aldrin		
	Aroclor-1016	0.00230 U	mg/kg
	Aroclor-1221	0.04400 U	mg/kg
	Aroclor-1232	0.08900 U	mg/kg
	Aroclor-1242	0.04400 U	mg/kg
	Aroclor-1248	0.04400 U	mg/kg
	Aroclor-1254	0.04400 U	mg/kg
	Aroclor-1260	0.04400 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	gamma-BHC (Lindane)	0.00230 U	mg/kg
	alpha-BHC	0.00230 U	mg/kg
	beta-BHC	0.00230 U	mg/kg
	delta-BHC	0.00230 U	mg/kg
	alpha-Chlordane	0.00230 U	mg/kg
	gamma-Chlordane	0.00230 U	mg/kg
	4,4'-DDD	0.00440 U	mg/kg
	4,4'-DDE	0.00440 U	mg/kg
	4,4'-DDT	0.00440 U	mg/kg
	Dieldrin	0.00440 U	mg/kg
	Endosulfan I	0.00230 U	mg/kg
	Endosulfan II	0.00440 U	mg/kg
	Endosulfan sulfate	0.00440 U	mg/kg
	Endrin	0.00440 U	mg/kg
	Endrin aldehyde	0.00440 U	mg/kg
	Endrin ketone	0.00440 U	mg/kg
	Heptachlor	0.00230 U	mg/kg
	Heptachlor epoxide	0.00230 U	mg/kg
	Methoxychlor	0.02300 U	mg/kg
	Toxaphene	0.23000 U	mg/kg

3F-A003 WL01	TAL Total Inorganics	166.00000	µg/L
	Aluminum	2.00000 U	µg/L
	Antimony	3.00000 U	µg/L
	Arsenic	33.70000	µg/L
	Barium	1.00000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	149,000.00000	µg/L
	Calcium	1.00000 U	µg/L
	Chromium	1.00000 U	µg/L
	Cobalt	1.20000	µg/L
	Copper	149.00000 U	µg/L
	Iron	1.00000 U	µg/L
	Lead	18,500.00000	µg/L
	Magnesium	32.40000	µg/L
	Manganese	0.20000 U	µg/L
	Mercury	2.10000	µg/L
	Nickel	4,110.00000	µg/L
	Potassium	3.00000 U	µg/L
	Selenium	1.00000 U	µg/L
	Silver	47,500.00000	µg/L
	Sodium	3.00000 U	µg/L
	Thallium	1.00000 U	µg/L
	Vanadium	4.20000 UC	µg/L
	Zinc		
	TAL Dissolved Inorganics	47.60000 UC	µg/L
	Aluminum	2.00000 U	µg/L
	Antimony	3.30000	µg/L
	Arsenic	34.30000	µg/L
	Barium	1.00000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	1.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier	Unit
3F-A003 WL01	Calcium	147,000.00000		µg/L
	Chromium	1.00000	U	µg/L
	Cobalt	1.00000	U	µg/L
	Copper	3.70000	U	µg/L
	Iron	7.00000	U	µg/L
	Lead	1.00000	U	µg/L
	Magnesium	18,900.00000		µg/L
	Manganese	25.40000		µg/L
	Mercury	0.20000	U	µg/L
	Nickel	4.30000		µg/L
	Potassium	4,110.00000		µg/L
	Selenium	9.70000		µg/L
	Silver	1.00000	U	µg/L
	Sodium	49,000.00000	J	µg/L
	Thallium	3.00000	U	µg/L
	Vanadium	1.00000	U	µg/L
	Zinc	1.60000	UC	µg/L
	TCL Volatiles			
	Acetone	10.00000	U	µg/L
	Benzene	10.00000	U	µg/L
	Bromodichloromethane	10.00000	U	µg/L
	Bromoform	10.00000	U	µg/L
	Bromomethane	10.00000	U	µg/L
	2-Butanone	10.00000	U	µg/L
	Carbon Disulfide	10.00000	U	µg/L
	Carbon Tetrachloride	10.00000	U	µg/L
	Chlorobenzene	10.00000	U	µg/L
	Chloroethane	10.00000	U	µg/L
	Chloroform	10.00000	U	µg/L
	Chloromethane	10.00000	U	µg/L
	Dibromochloromethane	10.00000	U	µg/L
	1,1-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethene (total)	10.00000	U	µg/L
	1,1-Dichloroethene	10.00000	U	µg/L
	1,2-Dichloropropane	10.00000	U	µg/L
	cis-1,3-Dichloropropene	10.00000	U	µg/L
	trans-1,3-Dichloropropene	10.00000	U	µg/L
	Ethylbenzene	10.00000	U	µg/L
	2-Hexanone	10.00000	U	µg/L
	4-Methyl-2-Pentanone	10.00000	U	µg/L
	Methylene Chloride	10.00000	U	µg/L
	Styrene	10.00000	U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U	µg/L
	Tetrachloroethene	10.00000	U	µg/L
	Toluene	10.00000	U	µg/L
	1,1,1-Trichloroethane	10.00000	U	µg/L
	1,1,2-Trichloroethane	10.00000	U	µg/L
	Trichloroethene	10.00000	U	µg/L
	Vinyl Chloride	10.00000	U	µg/L
	Xylene (total)	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3F-A003 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo(a)anthracene	10.00000 U	µg/L
	Benzo(a)pyrene	10.00000 U	µg/L
	Benzo(b)fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i)perylene	10.00000 U	µg/L
	Benzo(k)fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl)Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,b)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3F-A003 WL01	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (I)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
3F-A004 DL01	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	4,340.00000	µg/L
	TDS	4,410,000.00000	µg/L
	TSS	762,000.00000	µg/L
3F-A004 DL01	TAL Total Inorganics		
	Aluminum	10,400.00000 U	mg/kg
	Antimony	0.98000 U	mg/kg
	Arsenic	6.50000 U	mg/kg
	Barium	71.10000	mg/kg
	Beryllium	1.00000	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Cadmium	0.64000 J ⁻ mg/kg
	Calcium	83,400.00000 J ⁻ mg/kg
	Chromium	19.40000 J ⁻ mg/kg
	Cobalt	10.00000 J ⁻ mg/kg
	Copper	16.70000 J ⁻ mg/kg
	Iron	18,100.00000 J ⁻ mg/kg
	Lead	23.90000 J ⁻ mg/kg
	Magnesium	2,340.00000 J ⁻ mg/kg
	Manganese	615.00000 J ⁻ mg/kg
	Mercury	0.26000 UR mg/kg
	Nickel	23.30000 J ⁻ mg/kg
	Potassium	3,130.00000 J ⁻ mg/kg
	Selenium	1.50000 UJ mg/kg
	Silver	0.49000 U mg/kg
	Sodium	52.90000 UJ mg/kg
	Thallium	1.50000 U mg/kg
	Vanadium	30.90000 J ⁻ mg/kg
	Zinc	90.00000 J ⁻ mg/kg

3F-A004 DL01	TCL Volatiles	
	Acetone	0.03500 UJ mg/kg
	Benzene	0.01800 U mg/kg
	Bromodichloromethane	0.01800 U mg/kg
	Bromoform	0.01800 U mg/kg
	Bromomethane	0.01800 U mg/kg
	2-Butanone	0.01800 U mg/kg
	Carbon Disulfide	0.01800 U mg/kg
	Carbon Tetrachloride	0.01800 U mg/kg
	Chlorobenzene	0.01800 U mg/kg
	Chloroethane	0.01800 U mg/kg
	Chloroform	0.01800 U mg/kg
	Chloromethane	0.01800 U mg/kg
	Dibromochloromethane	0.01800 U mg/kg
	1,1-Dichloroethane	0.01800 U mg/kg
	1,2-Dichloroethane	0.01800 U mg/kg
	1,2-Dichloroethene (total)	0.01800 U mg/kg
	1,1-Dichloroethene	0.01800 U mg/kg
	1,2-Dichloropropane	0.01800 U mg/kg
	cis-1,3-Dichloropropene	0.01800 U mg/kg
	trans-1,3-Dichloropropene	0.01800 U mg/kg
	Ethylbenzene	0.01800 U mg/kg
	2-Hexanone	0.01800 U mg/kg
	4-Methyl-2-Pentanone	0.01800 U mg/kg
	Methylene Chloride	0.01800 U mg/kg
	Styrene	0.01800 U mg/kg
	1,1,2,2-Tetrachloroethane	0.01800 U mg/kg
	Tetrachloroethene	0.01800 U mg/kg
	Toluene	0.01800 U mg/kg
	1,1,1-Trichloroethane	0.01800 U mg/kg
	1,1,2-Trichloroethane	0.01800 U mg/kg
	Trichloroethene	0.01800 U mg/kg
	Vinyl Chloride	0.01800 U mg/kg
	Xylene (total)	0.01800 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*
3F-A004 DL01	TCL Semi-Volatiles	
	Acenaphthene	0.60000 U mg/kg
	Acenaphthylene	0.60000 U mg/kg
	Anthracene	0.60000 U mg/kg
	Benzo (a) anthracene	0.60000 U mg/kg
	Benzo (a) pyrene	0.60000 UJv mg/kg
	Benzo (b) fluoranthene	0.60000 UJv mg/kg
	Benzo (g, h, i) perylene	0.60000 UJv mg/kg
	Benzo (k) fluoranthene	0.60000 UJv mg/kg
	bis (2-Chloroethoxy) Methane	0.60000 U mg/kg
	bis (2-Chloroethyl) Ether	0.60000 U mg/kg
	bis (2-Ethylhexyl) phthalate	0.20000 J mg/kg
	4-Bromophenyl-phenylether	0.60000 U mg/kg
	Butylbenzylphthalate	0.60000 U mg/kg
	Carbazole	0.60000 U mg/kg
	4-Chloro-3-Methylphenol	0.60000 U mg/kg
	4-Chloroaniline	0.60000 U mg/kg
	2-Chloronaphthalene	0.60000 U mg/kg
	2-Chlorophenol	0.60000 U mg/kg
	4-Chlorophenyl-phenylether	0.60000 U mg/kg
	Chrysene	0.60000 U mg/kg
	Di-n-butylphthalate	0.60000 U mg/kg
	Di-n-octylphthalate	0.60000 UJv mg/kg
	Dibenz (a, h) anthracene	0.60000 UJv mg/kg
	Dibenzofuran	0.60000 U mg/kg
	1,2-Dichlorobenzene	0.60000 U mg/kg
	1,3-Dichlorobenzene	0.60000 U mg/kg
	1,4-Dichlorobenzene	0.60000 U mg/kg
	3,3'-Dichlorobenzidine	0.60000 U mg/kg
	2,4-Dichlorophenol	0.60000 U mg/kg
	Diethylphthalate	0.04300 J mg/kg
	2,4-Dimethylphenol	0.60000 U mg/kg
	Dimethylphthalate	0.60000 U mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U mg/kg
	2,4-Dinitrophenol	1.40000 U mg/kg
	2,4-Dinitrotoluene	0.60000 U mg/kg
	2,6-Dinitrotoluene	0.60000 U mg/kg
	Fluoranthene	0.03200 J mg/kg
	Fluorene	0.60000 U mg/kg
	Hexachlorobenzene	0.60000 U mg/kg
	Hexachlorobutadiene	0.60000 U mg/kg
	Hexachlorocyclopentadiene	0.60000 U mg/kg
	Hexachloroethane	0.60000 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.60000 UJv mg/kg
	Isophorone	0.60000 U mg/kg
	2-Methylnaphthalene	0.60000 U mg/kg
	2-Methylphenol	0.60000 U mg/kg
	4-Methylphenol	0.60000 U mg/kg
	Naphthalene	0.60000 U mg/kg
	2-Nitroaniline	1.40000 U mg/kg
	3-Nitroaniline	1.40000 U mg/kg
	4-Nitroaniline	1.40000 U mg/kg
	Nitrobenzene	0.60000 U mg/kg
	2-Nitrophenol	0.60000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.60000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.60000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.60000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	0.60000 U	mg/kg
	Phenol	0.60000 U	mg/kg
	Pyrene	0.04000 U	mg/kg
	1,2,4-Trichlorobenzene	0.60000 U	mg/kg
	2,4,5-Trichlorophenol	1.40000 U	mg/kg
	2,4,6-Trichlorophenol	0.60000 U	mg/kg
3F-A004 DL01	TCL Pesticides		
	Aldrin	0.00300 U	mg/kg
	Aroclor-1016	0.05800 U	mg/kg
	Aroclor-1221	0.12000 U	mg/kg
	Aroclor-1232	0.05800 U	mg/kg
	Aroclor-1242	0.05800 U	mg/kg
	Aroclor-1248	0.05800 U	mg/kg
	Aroclor-1254	0.05800 U	mg/kg
	Aroclor-1260	0.05800 U	mg/kg
	gamma-BHC (Lindane)	0.00300 U	mg/kg
	alpha-BHC	0.00300 U	mg/kg
	beta-BHC	0.00300 U	mg/kg
	delta-BHC	0.00300 U	mg/kg
	alpha-Chlordane	0.00300 U	mg/kg
	gamma-Chlordane	0.00300 U	mg/kg
	4,4'-DDD	0.00580 U	mg/kg
	4,4'-DDE	0.00580 U	mg/kg
	4,4'-DDT	0.00580 U	mg/kg
	Dieldrin	0.00580 U	mg/kg
	Endosulfan I	0.00300 U	mg/kg
	Endosulfan II	0.00580 U	mg/kg
	Endosulfan sulfate	0.00580 U	mg/kg
	Endrin	0.00580 U	mg/kg
	Endrin aldehyde	0.00580 U	mg/kg
	Endrin ketone	0.00580 U	mg/kg
	Heptachlor	0.00300 U	mg/kg
	Heptachlor epoxide	0.00300 U	mg/kg
	Methoxychlor	0.03000 U	mg/kg
	Toxaphene	0.30000 U	mg/kg
3F-A004 WL01	TAL Total Inorganics		
	Aluminum	189.00000	µg/L
	Antimony	2.00000 U	µg/L
	Arsenic	3.00000 U	µg/L
	Barium	34.70000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	1.00000 U	µg/L
	Calcium	138,000.00000	µg/L
	Chromium	1.00000 U	µg/L
	Cobalt	1.00000 U	µg/L
	Copper	1.30000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result	Qualifier*	Unit
3F-A004 WL01	Iron	174.00000	J	µg/L
	Lead	1.00000	U	µg/L
	Magnesium	16,100.00000	-	µg/L
	Manganese	53.60000	-	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	2.80000	-	µg/L
	Potassium	3,980.00000	-	µg/L
	Selenium	3.00000	U	µg/L
	Silver	1.00000	U	µg/L
	Sodium	40,100.00000	-	µg/L
	Thallium	3.00000	U	µg/L
	Vanadium	1.00000	U	µg/L
	Zinc	3.40000	UC	µg/L
	TAL Dissolved Inorganics			
3F-A004 WL01	Aluminum	50.60000	J	µg/L
	Antimony	2.00000	U	µg/L
	Arsenic	4.20000	-	µg/L
	Barium	35.90000	-	µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	1.00000	U	µg/L
	Calcium	142,000.00000	-	µg/L
	Chromium	1.00000	U	µg/L
	Cobalt	1.00000	U	µg/L
	Copper	4.70000	-	µg/L
	Iron	7.00000	U	µg/L
	Lead	1.00000	U	µg/L
	Magnesium	17,200.00000	-	µg/L
	Manganese	38.40000	-	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	4.50000	-	µg/L
	Potassium	4,190.00000	-	µg/L
	Selenium	8.70000	-	µg/L
	Silver	1.00000	U	µg/L
	Sodium	43,300.00000	J	µg/L
	Thallium	3.00000	U	µg/L
	Vanadium	1.00000	U	µg/L
	Zinc	3.30000	UC	µg/L
	TCL Volatiles			
	Acetone	10.00000	U	µg/L
	Benzene	10.00000	U	µg/L
	Bromodichloromethane	10.00000	U	µg/L
	Bromoform	10.00000	U	µg/L
	Bromomethane	10.00000	U	µg/L
	2-Butanone	10.00000	U	µg/L
	Carbon Disulfide	10.00000	U	µg/L
	Carbon Tetrachloride	10.00000	U	µg/L
	Chlorobenzene	10.00000	U	µg/L
	Chloroethane	10.00000	U	µg/L
	Chloroform	10.00000	U	µg/L
	Chloromethane	10.00000	U	µg/L
	Dibromochloromethane	10.00000	U	µg/L
	1,1-Dichloroethane	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3F-A004 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo(a)anthracene	10.00000 U	µg/L
	Benzo(a)pyrene	10.00000 U	µg/L
	Benzo(b)fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i)perylene	10.00000 U	µg/L
	Benzo(k)fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl)Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	10.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3F-A004 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	1.00000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.05000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3F-A004 WL01	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
3F-A004 WL01	Wet Chemistry		
	TOC	3,930.00000 -	µg/L
	TDS	4,440,000.00000 -	µg/L
	TSS	216,000.00000 -	µg/L
3G-A001 DL01	TAL Total Inorganics		
	Aluminum	16,100.00000 J	mg/kg
	Antimony	3.70000 J	mg/kg
	Arsenic	10.30000 J	mg/kg
	Barium	106.00000 -	mg/kg
	Beryllium	1.20000 -	mg/kg
	Cadmium	1.00000 J	mg/kg
	Calcium	44,400.00000 J	mg/kg
	Chromium	29.70000 Jv	mg/kg
	Cobalt	16.70000 -	mg/kg
	Copper	18.90000 J	mg/kg
	Iron	28,000.00000 -	mg/kg
	Lead	59.70000 J	mg/kg
	Magnesium	3,320.00000 J	mg/kg
	Manganese	810.00000 -	mg/kg
	Mercury	0.16000 UR	mg/kg
	Nickel	30.90000 J	mg/kg
	Potassium	4,250.00000 J	mg/kg
	Selenium	0.97000 J	mg/kg
	Silver	0.28000 U	mg/kg
	Sodium	343.00000 Jv	mg/kg
	Thallium	0.83000 U	mg/kg
	Vanadium	48.20000 -	mg/kg
	Zinc	68.60000 J	mg/kg
	TCL Volatiles		
	Acetone	0.02800 UJ	mg/kg
	Benzene	0.01400 U	mg/kg
	Bromodichloromethane	0.01400 U	mg/kg
	Bromoform	0.01400 U	mg/kg
	Bromomethane	0.01400 U	mg/kg
	2-Butanone	0.01400 U	mg/kg
	Carbon Disulfide	0.01400 U	mg/kg
	Carbon Tetrachloride	0.01400 U	mg/kg
	Chlorobenzene	0.01400 U	mg/kg
	Chloroethane	0.01400 U	mg/kg
	Chloroform	0.01400 U	mg/kg
	Chloromethane	0.01400 U	mg/kg
	Dibromochloromethane	0.01400 U	mg/kg
	1,1-Dichloroethane	0.01400 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3G-A001 DL01	1,2-Dichloroethane	0.01400 U	mg/kg
	1,2-Dichloroethene (total)	0.01400 U	mg/kg
	1,1-Dichloroethene	0.01400 U	mg/kg
	1,2-Dichloropropane	0.01400 U	mg/kg
	cis-1,3-Dichloropropene	0.01400 U	mg/kg
	trans-1,3-Dichloropropene	0.01400 U	mg/kg
	Ethylbenzene	0.01400 U	mg/kg
	2-Hexanone	0.01400 U	mg/kg
	4-Methyl-2-Pentanone	0.01400 U	mg/kg
	Methylene Chloride	0.01400 U	mg/kg
	Styrene	0.01400 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01400 U	mg/kg
	Tetrachloroethene	0.01400 U	mg/kg
	Toluene	0.01400 U	mg/kg
	1,1,1-Trichloroethane	0.01400 U	mg/kg
	1,1,2-Trichloroethane	0.01400 U	mg/kg
	Trichloroethene	0.01400 U	mg/kg
	Vinyl Chloride	0.01400 U	mg/kg
	Xylene (total)	0.01400 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.45000 U	mg/kg
	Acenaphthylene	0.45000 U	mg/kg
	Anthracene	0.45000 U	mg/kg
	Benzo (a) anthracene	0.45000 U	mg/kg
	Benzo (a) pyrene	0.45000 U	mg/kg
	Benzo (b) fluoanthene	0.45000 U	mg/kg
	Benzo (g, h, i) perylene	0.45000 U	mg/kg
	Benzo (k) fluoanthene	0.45000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.45000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.45000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.03800 U	mg/kg
	4-Bromophenyl-phenylether	0.45000 U	mg/kg
	Butylbenzylphthalate	0.45000 U	mg/kg
	Carbazole	0.45000 U	mg/kg
	4-Chloro-3-Methylphenol	0.45000 U	mg/kg
	4-Chloroaniline	0.45000 U	mg/kg
	2-Chloronaphthalene	0.45000 U	mg/kg
	2-Chlorophenol	0.45000 U	mg/kg
	4-Chlorophenyl-phenylether	0.45000 U	mg/kg
	Chrysene	0.45000 U	mg/kg
	Di-n-butylphthalate	0.45000 U	mg/kg
	Di-n-octylphthalate	0.45000 U	mg/kg
	Dibenz (a, h) anthracene	0.45000 U	mg/kg
	Dibenzofuran	0.45000 U	mg/kg
	1,2-Dichlorobenzene	0.45000 U	mg/kg
	1,3-Dichlorobenzene	0.45000 U	mg/kg
	1,4-Dichlorobenzene	0.45000 U	mg/kg
	3,3'-Dichlorobenzidine	0.45000 U	mg/kg
	2,4-Dichlorophenol	0.45000 U	mg/kg
	Diethylphthalate	0.45000 U	mg/kg
	2,4-Dimethylphenol	0.45000 U	mg/kg
	Dimethylphthalate	0.45000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.10000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dinitrophenol	1.10000 U	mg/kg
	2,4-Dinitrotoluene	0.45000 U	mg/kg
	2,6-Dinitrotoluene	0.45000 U	mg/kg
	Fluoranthene	0.45000 U	mg/kg
	Fluorene	0.45000 U	mg/kg
	Hexachlorobenzene	0.45000 U	mg/kg
	Hexachlorobutadiene	0.45000 U	mg/kg
	Hexachlorocyclopentadiene	0.45000 U	mg/kg
	Hexachloroethane	0.45000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.45000 U	mg/kg
	Isophorone	0.45000 U	mg/kg
	2-Methylnaphthalene	0.45000 U	mg/kg
	2-Methylphenol	0.45000 U	mg/kg
	4-Methylphenol	0.45000 U	mg/kg
	Naphthalene	0.45000 U	mg/kg
	2-Nitroaniline	1.10000 U	mg/kg
	3-Nitroaniline	1.10000 U	mg/kg
	4-Nitroaniline	1.10000 U	mg/kg
	Nitrobenzene	0.45000 U	mg/kg
	2-Nitrophenol	0.45000 U	mg/kg
	4-Nitrophenol	1.10000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.45000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.45000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.45000 U	mg/kg
	Pentachlorophenol	1.10000 U	mg/kg
	Phenanthrene	0.45000 U	mg/kg
	Phenol	0.45000 U	mg/kg
	Pyrene	0.45000 U	mg/kg
	1,2,4-Trichlorobenzene	0.45000 U	mg/kg
	2,4,5-Trichlorophenol	1.10000 U	mg/kg
	2,4,6-Trichlorophenol	0.45000 U	mg/kg
3G-A001 DL01	TCL Pesticides		
	Aldrin	0.00240 U	mg/kg
	Aroclor-1016	0.04600 U	mg/kg
	Aroclor-1221	0.09300 U	mg/kg
	Aroclor-1232	0.04600 U	mg/kg
	Aroclor-1242	0.04600 U	mg/kg
	Aroclor-1248	0.04600 U	mg/kg
	Aroclor-1254	0.01600 U	mg/kg
	Aroclor-1260	0.04600 U	mg/kg
	gamma-BHC (Lindane)	0.00240 U	mg/kg
	alpha-BHC	0.00240 U	mg/kg
	beta-BHC	0.00240 U	mg/kg
	delta-BHC	0.00240 U	mg/kg
	alpha-Chlordane	0.00240 U	mg/kg
	gamma-Chlordane	0.00058 U	mg/kg
	4,4'-DDD	0.00460 U	mg/kg
	4,4'-DDE	0.00076 U	mg/kg
	4,4'-DDT	0.00460 U	mg/kg
	Dieldrin	0.00460 U	mg/kg
	Endosulfan I	0.00240 U	mg/kg
	Endosulfan II	0.00460 U	mg/kg
	Endosulfan sulfate	0.00460 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3G-A001 DL01	Endrin	0.00460 U	mg/kg
	Endrin aldehyde	0.00460 U	mg/kg
	Endrin ketone	0.00460 U	mg/kg
	Heptachlor	0.00240 U	mg/kg
	Heptachlor epoxide	0.00130 J	mg/kg
	Methoxychlor	0.02400 U	mg/kg
	Toxaphene	0.24000 U	mg/kg
3G-A001 DL01	Wet Chemistry		
	TOC	8,660.00000	mg/kg
3G-A001 WL01	TAL Total Inorganics		
	Aluminum	181.00000 UCJ	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	129.00000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	233,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	34.60000	µg/L
	Iron	1,460.00000 J	µg/L
	Lead	5.40000 J	µg/L
	Magnesium	39,700.00000	µg/L
	Manganese	572.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	13.30000	µg/L
	Potassium	32,400.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	136,000.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	7.40000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	15.40000	µg/L
	Arsenic	29.50000 J	µg/L
	Barium	119.00000	µg/L
	Beryllium	1.50000	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	186,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.20000 UC	µg/L
	Copper	16.00000	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	33,100.00000	µg/L
	Manganese	491.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	12.40000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Potassium	33,300.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	133,000.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
3G-A001 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropene	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	10.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	10.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3G-A001 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	13,900.00000	µg/L
	TDS	1,520,000.00000	µg/L
	TSS	4,010,000.00000	µg/L
3G-A002 DL01	TAL Total Inorganics		
	Aluminum	8,650.00000 J	mg/kg
	Antimony	26.20000 J	mg/kg
	Arsenic	55.80000 J	mg/kg
	Barium	426.00000	mg/kg
	Beryllium	0.65000	mg/kg
	Cadmium	6.40000 J	mg/kg
	Calcium	139,000.00000 J	mg/kg
	Chromium	12.90000 Jv	mg/kg
	Cobalt	6.80000	mg/kg
	Copper	59.80000 J	mg/kg
	Iron	106,000.00000	mg/kg
	Lead	2,100.00000 J	mg/kg
	Magnesium	2,930.00000 J	mg/kg
	Manganese	1,110.00000	mg/kg
	Mercury	0.19000 UR	mg/kg
	Nickel	18.90000 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Potassium	2,690.00000	J mg/kg
	Selenium	1.30000	UJ mg/kg
	Silver	0.42000	U mg/kg
	Sodium	45.60000	UJ mg/kg
	Thallium	1.30000	U mg/kg
	Vanadium	26.60000	U mg/kg
	Zinc	294.00000	J mg/kg
3G-A002 DL01	TCL Volatiles		
	Acetone	0.02600	UJ mg/kg
	Benzene	0.02300	U mg/kg
	Bromodichloromethane	0.02300	U mg/kg
	Bromoform	0.02300	U mg/kg
	Bromomethane	0.02300	U mg/kg
	2-Butanone	0.02300	U mg/kg
	Carbon Disulfide	0.02300	U mg/kg
	Carbon Tetrachloride	0.02300	U mg/kg
	Chlorobenzene	0.02300	U mg/kg
	Chloroethane	0.02300	U mg/kg
	Chloroform	0.02300	U mg/kg
	Chloromethane	0.02300	U mg/kg
	Dibromochloromethane	0.02300	U mg/kg
	1,1-Dichloroethane	0.02300	U mg/kg
	1,2-Dichloroethane	0.02300	U mg/kg
	1,2-Dichloroethane (total)	0.02300	U mg/kg
	1,1-Dichloroethene	0.02300	U mg/kg
	1,2-Dichloropropane	0.02300	U mg/kg
	cis-1,3-Dichloropropene	0.02300	U mg/kg
	trans-1,3-Dichloropropene	0.02300	U mg/kg
	Ethylbenzene	0.02300	U mg/kg
	2-Hexanone	0.02300	U mg/kg
	4-Methyl-2-Pentanone	0.02300	U mg/kg
	Methylene Chloride	0.02300	U mg/kg
	Styrene	0.02300	U mg/kg
	1,1,2,2-Tetrachloroethane	0.02300	U mg/kg
	Tetrachloroethene	0.02300	U mg/kg
	Toluene	0.02300	U mg/kg
	1,1,1-Trichloroethane	0.02300	U mg/kg
	1,1,2-Trichloroethane	0.02300	U mg/kg
	Trichloroethene	0.02300	U mg/kg
	Vinyl Chloride	0.02300	U mg/kg
	Xylene (total)	0.02300	U mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.75000	U mg/kg
	Acenaphthylene	0.75000	U mg/kg
	Anthracene	0.75000	U mg/kg
	Benzo(a)anthracene	0.75000	U mg/kg
	Benzo(a)pyrene	0.75000	U mg/kg
	Benzo(b)fluoranthene	0.75000	U mg/kg
	Benzo(g,h,i)perylene	0.75000	U mg/kg
	Benzo(k)fluoranthene	0.75000	U mg/kg
	bis(2-Chloroethoxy)Methane	0.75000	U mg/kg
	bis(2-Chloroethyl)Ether	0.75000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	bis(2-Ethylhexyl) phthalate	0.16000 U mg/kg
	4-Bromophenyl-phenylether	0.75000 U mg/kg
	Butylbenzylphthalate	0.75000 U mg/kg
	Carbazole	0.75000 U mg/kg
	4-Chloro-3-Methylphenol	0.75000 U mg/kg
	4-Chloroaniline	0.75000 U mg/kg
	2-Chloronaphthalene	0.75000 U mg/kg
	2-Chlorophenol	0.75000 U mg/kg
	4-Chlorophenyl-phenylether	0.75000 U mg/kg
	Chrysene	0.75000 U mg/kg
	Di-n-butylphthalate	0.75000 U mg/kg
	Di-n-octylphthalate	0.75000 U mg/kg
	Dibenz(a,h)anthracene	0.75000 U mg/kg
	Dibenzofuran	0.75000 U mg/kg
	1,2-Dichlorobenzene	0.75000 U mg/kg
	1,3-Dichlorobenzene	0.75000 U mg/kg
	1,4-Dichlorobenzene	0.75000 U mg/kg
	3,3'-Dichlorobenzidine	0.75000 U mg/kg
	2,4-Dichlorophenol	0.75000 U mg/kg
	Diethylphthalate	0.75000 U mg/kg
	2,4-Dimethylphenol	0.75000 U mg/kg
	Dimethylphthalate	0.75000 U mg/kg
	4,6-Dinitro-2-Methylphenol	1.80000 U mg/kg
	2,4-Dinitrophenol	1.80000 U mg/kg
	2,4-Dinitrotoluene	0.75000 U mg/kg
	2,6-Dinitrotoluene	0.75000 U mg/kg
	Fluoranthene	0.75000 U mg/kg
	Fluorene	0.75000 U mg/kg
	Hexachlorobenzene	0.75000 U mg/kg
	Hexachlorobutadiene	0.75000 U mg/kg
	Hexachlorocyclopentadiene	0.75000 U mg/kg
	Hexachloroethane	0.75000 U mg/kg
	Indeno(1,2,3-cd)pyrene	0.75000 U mg/kg
	Isophorone	0.75000 U mg/kg
	2-Methylnaphthalene	0.75000 U mg/kg
	2-Methylphenol	0.75000 U mg/kg
	4-Methylphenol	0.75000 U mg/kg
	Naphthalene	0.75000 U mg/kg
	2-Nitroaniline	1.80000 U mg/kg
	3-Nitroaniline	1.80000 U mg/kg
	4-Nitroaniline	1.80000 U mg/kg
	Nitrobenzene	0.75000 U mg/kg
	2-Nitrophenol	0.75000 U mg/kg
	4-Nitrophenol	1.80000 U mg/kg
	N-Nitroso-di-n-propylamine	0.75000 U mg/kg
	N-Nitrosodiphenylamine (1)	0.75000 U mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.75000 U mg/kg
	Pentachlorophenol	1.80000 U mg/kg
	Phenanthrene	0.75000 U mg/kg
	Phenol	0.75000 U mg/kg
	Pyrene	0.04800 U mg/kg
	1,2,4-Trichlorobenzene	0.75000 U mg/kg
	2,4,5-Trichlorophenol	1.80000 U mg/kg
	2,4,6-Trichlorophenol	0.75000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*		
3G-A002 DL01	TCL Pesticides			
	Aldrin	0.00760	U	mg/kg
	Aroclor-1016	0.15000	U	mg/kg
	Aroclor-1221	0.30000	U	mg/kg
	Aroclor-1232	0.15000	U	mg/kg
	Aroclor-1242	0.15000	U	mg/kg
	Aroclor-1248	0.15000	U	mg/kg
	Aroclor-1254	0.15000	U	mg/kg
	Aroclor-1260	0.15000	U	mg/kg
	gamma-BHC (Lindane)	0.00760	U	mg/kg
	alpha-BHC	0.00760	U	mg/kg
	beta-BHC	0.00760	U	mg/kg
	delta-BHC	0.00760	U	mg/kg
	alpha-Chlordane	0.02500		mg/kg
	gamma-Chlordane	0.03000	J	mg/kg
	4,4'-DDD	0.00690	J	mg/kg
	4,4'-DDE	0.00900	J	mg/kg
	4,4'-DDT	0.00390	J	mg/kg
	Dieldrin	0.01800	U	mg/kg
	Endosulfan I	0.00760	U	mg/kg
	Endosulfan II	0.01500	U	mg/kg
	Endosulfan sulfate	0.01500	U	mg/kg
	Endrin	0.01500	U	mg/kg
	Endrin aldehyde	0.01500	U	mg/kg
	Endrin ketone	0.01500	U	mg/kg
	Heptachlor	0.00760	U	mg/kg
	Heptachlor epoxide	0.00760	U	mg/kg
	Methoxychlor	0.07600	U	mg/kg
	Toxaphene	0.76000	U	mg/kg
3G-A002 WL01	TAL Total Inorganics			
	Aluminum	534.00000	J	µg/L
	Antimony	5.00000	U	µg/L
	Arsenic	21.70000	UCJ	µg/L
	Barium	225.00000	J	µg/L
	Beryllium	1.10000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	125,000.00000	U	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	45.90000	U	µg/L
	Iron	29,300.00000	J	µg/L
	Lead	289.00000	U	µg/L
	Magnesium	29,800.00000	U	µg/L
	Manganese	465.00000	U	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	11.60000	U	µg/L
	Potassium	66,200.00000	U	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	105,000.00000	J	µg/L
	Thallium	7.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Vanadium	2.00000 U	µg/L
	Zinc	62.90000 -	µg/L
3G-A002 WL01	TAL Dissolved Inorganics		
	Aluminum	50.10000 UC	µg/L
	Antimony	30.50000 -	µg/L
	Arsenic	185.00000 J	µg/L
	Barium	162.00000 -	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	95,400.00000 -	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	7.80000 -	µg/L
	Iron	11,400.00000 -	µg/L
	Lead	5.30000 J	µg/L
	Magnesium	23,000.00000 -	µg/L
	Manganese	378.00000 -	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	66,400.00000 -	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	100,000.00000 -	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	10.20000 -	µg/L
	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	4.00000 J	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
3G-A002 WL01	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	2.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	25.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L

* See Attachment R-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3G-A002 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.00640 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.00870 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.00590 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	24,200.00000	µg/L
	TDS	946,000.00000	µg/L

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	TSS	124,000.00000	µg/L
3G-A003 DL01	TAL Total Inorganics		
	Aluminum	18,400.00000 J	mg/kg
	Antimony	23.60000 J	mg/kg
	Arsenic	30.00000 J	mg/kg
	Barium	164.00000	mg/kg
	Beryllium	1.30000	mg/kg
	Cadmium	2.50000 J	mg/kg
	Calcium	75,500.00000 J	mg/kg
	Chromium	32.20000 Jv	mg/kg
	Cobalt	7.40000	mg/kg
	Copper	29.90000 J	mg/kg
	Iron	51,100.00000	mg/kg
	Lead	1,080.00000 J	mg/kg
	Magnesium	4,410.00000 J	mg/kg
	Manganese	375.00000	mg/kg
	Mercury	0.24000 UR	mg/kg
	Nickel	25.10000 J	mg/kg
	Potassium	6,220.00000 J	mg/kg
	Selenium	1.30000 UJ	mg/kg
	Silver	0.43000 U	mg/kg
	Sodium	703.00000 Jv	mg/kg
	Thallium	1.30000 U	mg/kg
	Vanadium	51.90000	mg/kg
	Zinc	178.00000 J	mg/kg
	TCL Volatiles		
	Acetone	0.04500 UJ	mg/kg
	Benzene	0.02200 U	mg/kg
	Bromodichloromethane	0.02200 U	mg/kg
	Bromoform	0.02200 U	mg/kg
	Bromomethane	0.02200 U	mg/kg
	2-Butanone	0.02200 U	mg/kg
	Carbon Disulfide	0.02200 U	mg/kg
	Carbon Tetrachloride	0.02200 U	mg/kg
	Chlorobenzene	0.02200 U	mg/kg
	Chloroethane	0.02200 U	mg/kg
	Chloroform	0.02200 U	mg/kg
	Chloromethane	0.02200 U	mg/kg
	Dibromochloromethane	0.02200 U	mg/kg
	1,1-Dichloroethane	0.02200 U	mg/kg
	1,2-Dichloroethane	0.02200 U	mg/kg
	1,2-Dichloroethene (total)	0.02200 U	mg/kg
	1,1-Dichloroethene	0.02200 U	mg/kg
	1,2-Dichloropropane	0.02200 U	mg/kg
	cis-1,3-Dichloropropene	0.02200 U	mg/kg
	trans-1,3-Dichloropropene	0.02200 U	mg/kg
	Ethylbenzene	0.02200 U	mg/kg
	2-Hexanone	0.02200 U	mg/kg
	4-Methyl-2-Pentanone	0.02200 U	mg/kg
	Methylene Chloride	0.02200 U	mg/kg
	Styrene	0.02200 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1,2,2-Tetrachloroethane	0.02200 U	mg/kg
	Tetrachloroethene	0.02200 U	mg/kg
	Toluene	0.02200 U	mg/kg
	1,1,1-Trichloroethane	0.02200 U	mg/kg
	1,1,2-Trichloroethane	0.02200 U	mg/kg
	Trichloroethene	0.02200 U	mg/kg
	Vinyl Chloride	0.02200 U	mg/kg
	Xylene (total)	0.02200 U	mg/kg
3G-A003 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.72000 U	mg/kg
	Acenaphthylene	0.72000 U	mg/kg
	Anthracene	0.72000 U	mg/kg
	Benzo (a) anthracene	0.72000 U	mg/kg
	Benzo (a) pyrene	0.72000 U	mg/kg
	Benzo (b) fluoranthene	0.72000 U	mg/kg
	Benzo (g, h, i) perylene	0.72000 U	mg/kg
	Benzo (k) fluoranthene	0.72000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.72000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.72000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.18000 U	mg/kg
	4-Bromophenyl-phenylether	0.72000 U	mg/kg
	Butylbenzylphthalate	0.72000 U	mg/kg
	Carbazole	0.72000 U	mg/kg
	4-Chloro-3-Methylphenol	0.72000 U	mg/kg
	4-Chloroaniline	0.72000 U	mg/kg
	2-Chloronaphthalene	0.72000 U	mg/kg
	2-Chlorophenol	0.72000 U	mg/kg
	4-Chlorophenyl-phenylether	0.72000 U	mg/kg
	Chrysene	0.72000 U	mg/kg
	Di-n-butylphthalate	0.72000 U	mg/kg
	Di-n-octylphthalate	0.72000 U	mg/kg
	Dibenz (a, h) anthracene	0.72000 U	mg/kg
	Dibenzofuran	0.72000 U	mg/kg
	1,2-Dichlorobenzene	0.72000 U	mg/kg
	1,3-Dichlorobenzene	0.72000 U	mg/kg
	1,4-Dichlorobenzene	0.72000 U	mg/kg
	3,3'-Dichlorobenzidine	0.72000 U	mg/kg
	2,4-Dichlorophenol	0.72000 U	mg/kg
	Diethylphthalate	0.72000 U	mg/kg
	2,4-Dimethylphenol	0.72000 U	mg/kg
	Dimethylphthalate	0.72000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.70000 U	mg/kg
	2,4-Dinitrophenol	1.70000 U	mg/kg
	2,4-Dinitrotoluene	0.72000 U	mg/kg
	2,6-Dinitrotoluene	0.72000 U	mg/kg
	Fluoranthene	0.72000 U	mg/kg
	Fluorene	0.72000 U	mg/kg
	Hexachlorobenzene	0.72000 U	mg/kg
	Hexachlorobutadiene	0.72000 U	mg/kg
	Hexachlorocyclopentadiene	0.72000 U	mg/kg
	Hexachloroethane	0.72000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.72000 U	mg/kg
	Isophorone	0.72000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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025427

Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylnaphthalene	0.72000 U	mg/kg
	2-Methylphenol	0.72000 U	mg/kg
	4-Methylphenol	0.72000 U	mg/kg
	Naphthalene	0.72000 U	mg/kg
	2-Nitroaniline	1.70000 U	mg/kg
	3-Nitroaniline	1.70000 U	mg/kg
	4-Nitroaniline	1.70000 U	mg/kg
	Nitrobenzene	0.72000 U	mg/kg
	2-Nitrophenol	0.72000 U	mg/kg
	4-Nitrophenol	1.70000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.72000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.72000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.72000 U	mg/kg
	Pentachlorophenol	1.70000 U	mg/kg
	Phenanthrene	0.72000 U	mg/kg
	Phenol	0.72000 U	mg/kg
	Pyrene	0.72000 U	mg/kg
	1,2,4-Trichlorobenzene	0.72000 U	mg/kg
	2,4,5-Trichlorophenol	1.70000 U	mg/kg
	2,4,6-Trichlorophenol	0.72000 U	mg/kg
3G-A003 DL01	TCL Pesticides		
	Aldrin	0.00370 U	mg/kg
	Aroclor-1016	0.07200 U	mg/kg
	Aroclor-1221	0.15000 U	mg/kg
	Aroclor-1232	0.07200 U	mg/kg
	Aroclor-1242	0.07200 U	mg/kg
	Aroclor-1248	0.07200 U	mg/kg
	Aroclor-1254	0.07200 U	mg/kg
	Aroclor-1260	0.07200 U	mg/kg
	gamma-BHC (Lindane)	0.00370 U	mg/kg
	alpha-BHC	0.00370 U	mg/kg
	beta-BHC	0.00370 U	mg/kg
	delta-BHC	0.00370 U	mg/kg
	alpha-Chlordane	0.00370 U	mg/kg
	gamma-Chlordane	0.00053 U	mg/kg
	4,4'-DDD	0.00720 U	mg/kg
	4,4'-DDE	0.00720 U	mg/kg
	4,4'-DDT	0.00720 U	mg/kg
	Dieldrin	0.00720 U	mg/kg
	Endosulfan I	0.00110 U	mg/kg
	Endosulfan II	0.00370 U	mg/kg
	Endosulfan sulfate	0.00720 U	mg/kg
	Endrin	0.00720 U	mg/kg
	Endrin aldehyde	0.00720 U	mg/kg
	Endrin ketone	0.00720 U	mg/kg
	Heptachlor	0.00720 U	mg/kg
	Heptachlor epoxide	0.00370 U	mg/kg
	Methoxychlor	0.00370 U	mg/kg
	Toxaphene	0.37000 U	mg/kg
3G-A003 WL01	TAL Total Inorganics		
	Aluminum	375.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

025428

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
	Antimony	26.20000 Jv µg/L
	Arsenic	47.10000 J µg/L
	Barium	354.00000 J µg/L
	Beryllium	1.80000 µg/L
	Cadmium	2.00000 U µg/L
	Calcium	133,000.00000 µg/L
	Chromium	5.00000 U µg/L
	Cobalt	2.00000 U µg/L
	Copper	55.70000 µg/L
	Iron	64,000.00000 J µg/L
	Lead	1,700.00000 µg/L
	Magnesium	35,800.00000 µg/L
	Manganese	372.00000 µg/L
	Mercury	0.20000 U µg/L
	Nickel	21.40000 µg/L
	Potassium	114,000.00000 µg/L
	Selenium	5.00000 U µg/L
	Silver	3.00000 U µg/L
	Sodium	209,000.00000 J µg/L
	Thallium	7.00000 U µg/L
	Vanadium	3.20000 Jv µg/L
	Zinc	183.00000 µg/L

3G-A003 WL01 TAL Dissolved Inorganics

Aluminum	54.70000 UC µg/L
Antimony	19.60000 µg/L
Arsenic	131.00000 J µg/L
Barium	142.00000 µg/L
Beryllium	1.00000 U µg/L
Cadmium	2.00000 U µg/L
Calcium	96,200.00000 µg/L
Chromium	5.00000 U µg/L
Cobalt	2.00000 U µg/L
Copper	11.70000 µg/L
Iron	60.00000 U µg/L
Lead	21.90000 µg/L
Magnesium	29,600.00000 µg/L
Manganese	233.00000 µg/L
Mercury	0.20000 U µg/L
Nickel	10.00000 U µg/L
Potassium	111,000.00000 µg/L
Selenium	5.00000 U µg/L
Silver	3.00000 U µg/L
Sodium	202,000.00000 µg/L
Thallium	7.00000 U µg/L
Vanadium	2.00000 U µg/L
Zinc	11.40000 µg/L

TCL Volatiles

Acetone	10.00000 U µg/L
Benzene	10.00000 U µg/L
Bromodichloromethane	10.00000 U µg/L
Bromoform	10.00000 U µg/L
Bromomethane	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Butanone	2.00000	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3G-A003 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo(a)anthracene	10.00000 U	µg/L
	Benzo(a)pyrene	10.00000 U	µg/L
	Benzo(b)fluoranthene	10.00000 U	µg/L
	Benzo(g,h,i)perylene	10.00000 U	µg/L
	Benzo(k)fluoranthene	10.00000 U	µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U	µg/L
	bis(2-Chloroethyl)Ether	10.00000 U	µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz(a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	1.00000 J µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
3G-A003 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
3G-A003 WL01	Wet Chemistry		
	TOC	28,700.00000	µg/L
	TDS	7,420,000.00000	µg/L
	TSS	1,560,000.00000	µg/L
3G-A004 DL01	TAL Total Inorganics		
	Aluminum	18,000.00000 J	mg/kg
	Antimony	2.32000 J	mg/kg
	Arsenic	7.25000 J	mg/kg
	Barium	124.50000	mg/kg
	Beryllium	1.20000	mg/kg
	Cadmium	1.15000 J	mg/kg
	Calcium	49,850.00000 J	mg/kg
	Chromium	29.95000 Jv	mg/kg
	Cobalt	9.25000	mg/kg
	Copper	30.05000 J	mg/kg
	Iron	22,100.00000	mg/kg
	Lead	75.25000 J	mg/kg
	Magnesium	3,640.00000 J	mg/kg
	Manganese	375.50000	mg/kg
	Mercury	0.22000 UR	mg/kg
	Nickel	25.95000 J	mg/kg
	Potassium	5,045.00000 J	mg/kg
	Selenium	1.20000 UJ	mg/kg
	Silver	0.40000 U	mg/kg
	Sodium	596.50000 Jv	mg/kg
	Thallium	1.20000 U	mg/kg
	Vanadium	47.05000	mg/kg
	Zinc	95.25000 J	mg/kg
	TCL Volatiles		
	Acetone	0.02600 UJ	mg/kg
	Benzene	0.01900 U	mg/kg
	Bromodichloromethane	0.01900 U	mg/kg
	Bromoform	0.01900 U	mg/kg
	Bromomethane	0.01900 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Butanone	0.01900 U	mg/kg
	Carbon Disulfide	0.01900 U	mg/kg
	Carbon Tetrachloride	0.01900 U	mg/kg
	Chlorobenzene	0.01900 U	mg/kg
	Chloroethane	0.01900 U	mg/kg
	Chloroform	0.01900 U	mg/kg
	Chloromethane	0.01900 U	mg/kg
	Dibromochloromethane	0.01900 U	mg/kg
	1,1-Dichloroethane	0.01900 U	mg/kg
	1,2-Dichloroethane	0.01900 U	mg/kg
	1,2-Dichloroethene (total)	0.01900 U	mg/kg
	1,1-Dichloroethene	0.01900 U	mg/kg
	1,2-Dichloropropane	0.01900 U	mg/kg
	cis-1,3-Dichloropropene	0.01900 U	mg/kg
	trans-1,3-Dichloropropene	0.01900 U	mg/kg
	Ethylbenzene	0.01900 U	mg/kg
	2-Hexanone	0.01900 U	mg/kg
	4-Methyl-2-Pentanone	0.01900 U	mg/kg
	Methylene Chloride	0.01900 U	mg/kg
	Styrene	0.01900 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01900 U	mg/kg
	Tetrachloroethene	0.01900 U	mg/kg
	Toluene	0.01900 U	mg/kg
	1,1,1-Trichloroethane	0.01900 U	mg/kg
	1,1,2-Trichloroethane	0.01900 U	mg/kg
	Trichloroethene	0.01900 U	mg/kg
	Vinyl Chloride	0.01900 U	mg/kg
	Xylene (total)	0.01900 U	mg/kg
3G-A004 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.61000 U	mg/kg
	Acenaphthylene	0.61000 U	mg/kg
	Anthracene	0.61000 U	mg/kg
	Benzo (a) anthracene	0.61000 U	mg/kg
	Benzo (a) pyrene	0.61000 UJv	mg/kg
	Benzo (b) fluoranthene	0.61000 UJv	mg/kg
	Benzo (g,h,i) perylene	0.61000 UJv	mg/kg
	Benzo (k) fluoranthene	0.61000 UJv	mg/kg
	bis (2-Chloroethoxy) Methane	0.61000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.61000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.12600 J	mg/kg
	4-Bromophenyl-phenylether	0.61000 U	mg/kg
	Butylbenzylphthalate	0.61000 U	mg/kg
	Carbazole	0.61000 U	mg/kg
	4-Chloro-3-Methylphenol	0.61000 U	mg/kg
	4-Chloroaniline	0.61000 U	mg/kg
	2-Chloronaphthalene	0.61000 U	mg/kg
	2-Chlorophenol	0.61000 U	mg/kg
	4-Chlorophenyl-phenylether	0.61000 U	mg/kg
	Chrysene	0.61000 U	mg/kg
	Di-n-butylphthalate	0.61000 U	mg/kg
	Di-n-octylphthalate	0.61000 UJv	mg/kg
	Dibenz (a,h) anthracene	0.61000 UJv	mg/kg
	Dibenzofuran	0.61000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*	
	1,2-Dichlorobenzene	0.61000 U	mg/kg
	1,3-Dichlorobenzene	0.61000 U	mg/kg
	1,4-Dichlorobenzene	0.61000 U	mg/kg
	3,3'-Dichlorobenzidine	0.61000 U	mg/kg
	2,4-Dichlorophenol	0.61000 U	mg/kg
	Diethylphthalate	0.15350 J	mg/kg
	2,4-Dimethylphenol	0.61000 U	mg/kg
	Dimethylphthalate	0.61000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.50000 U	mg/kg
	2,4-Dinitrophenol	1.50000 U	mg/kg
	2,4-Dinitrotoluene	0.61000 U	mg/kg
	2,6-Dinitrotoluene	0.61000 U	mg/kg
	Fluoranthene	0.61000 U	mg/kg
	Fluorene	0.61000 U	mg/kg
	Hexachlorobenzene	0.61000 U	mg/kg
	Hexachlorobutadiene	0.61000 U	mg/kg
	Hexachlorocyclopentadiene	0.61000 U	mg/kg
	Hexachloroethane	0.61000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.61000 UJv	mg/kg
	Isophorone	0.61000 U	mg/kg
	2-Methylnaphthalene	0.61000 U	mg/kg
	2-Methylphenol	0.61000 U	mg/kg
	4-Methylphenol	0.61000 U	mg/kg
	Naphthalene	0.61000 U	mg/kg
	2-Nitroaniline	1.50000 U	mg/kg
	3-Nitroaniline	1.50000 U	mg/kg
	4-Nitroaniline	1.50000 U	mg/kg
	Nitrobenzene	0.61000 U	mg/kg
	2-Nitrophenol	0.61000 U	mg/kg
	4-Nitrophenol	1.50000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.61000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.61000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.61000 U	mg/kg
	Pentachlorophenol	1.50000 U	mg/kg
	Phenanthrene	0.61000 U	mg/kg
	Phenol	0.61000 U	mg/kg
	Pyrene	0.61000 U	mg/kg
	1,2,4-Trichlorobenzene	0.61000 U	mg/kg
	2,4,5-Trichlorophenol	1.50000 U	mg/kg
	2,4,6-Trichlorophenol	0.61000 U	mg/kg
3G-A004 DL01	TCL Pesticides		
	Aldrin	0.00320 U	mg/kg
	Aroclor-1016	0.06200 U	mg/kg
	Aroclor-1221	0.13000 U	mg/kg
	Aroclor-1232	0.06200 U	mg/kg
	Aroclor-1242	0.06200 U	mg/kg
	Aroclor-1248	0.06200 U	mg/kg
	Aroclor-1254	0.06200 U	mg/kg
	Aroclor-1260	0.06200 U	mg/kg
	gamma-BHC (Lindane)	0.00320 U	mg/kg
	alpha-BHC	0.00320 U	mg/kg
	beta-BHC	0.00320 U	mg/kg
	delta-BHC	0.00320 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	alpha-Chlordane	0.00095	J	mg/kg
	gamma-Chlordane	0.00061	J	mg/kg
	4,4'-DDD	0.00620	U	mg/kg
	4,4'-DDE	0.00099	J	mg/kg
	4,4'-DDT	0.00109	J	mg/kg
	Dieldrin	0.00095	J	mg/kg
	Endosulfan I	0.00320	U	mg/kg
	Endosulfan II	0.00620	U	mg/kg
	Endosulfan sulfate	0.00620	U	mg/kg
	Endrin	0.00325	J	mg/kg
	Endrin aldehyde	0.00620	U	mg/kg
	Endrin ketone	0.00620	U	mg/kg
	Heptachlor	0.00320	U	mg/kg
	Heptachlor epoxide	0.00320	U	mg/kg
	Methoxychlor	0.03200	U	mg/kg
	Toxaphene	0.32000	U	mg/kg
3G-A004 DL01	Wet Chemistry			
	TOC	15,550.00000	—	mg/kg
3G-A004 WL01	TAL Total Inorganics			
	Aluminum	348.50000	JC	µg/L
	Antimony	5.00000	U	µg/L
	Arsenic	11.30000	UCJ	µg/L
	Barium	225.50000	J	µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	215,500.00000	—	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	55.00000	—	µg/L
	Iron	1,600.00000	J	µg/L
	Lead	5.60000	J	µg/L
	Magnesium	40,750.00000	—	µg/L
	Manganese	408.00000	—	µg/L
	Mercury	0.15000	—	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	50,000.00000	—	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	112,000.00000	J	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	18.60000	—	µg/L
	TAL Dissolved Inorganics			
	Aluminum	36.00000	UC	µg/L
	Antimony	6.30000	—	µg/L
	Arsenic	17.75000	J	µg/L
	Barium	202.50000	—	µg/L
	Beryllium	2.80000	—	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	179,000.00000	—	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Chromium	5.00000	U µg/L
	Cobalt	1.75000	U µg/L
	Copper	13.27500	C µg/L
	Iron	62.10000	U µg/L
	Lead	3.00000	U µg/L
	Magnesium	35,800.00000	U µg/L
	Manganese	325.00000	U µg/L
	Mercury	0.20000	U µg/L
	Nickel	10.00000	U µg/L
	Potassium	51,250.00000	U µg/L
	Selenium	5.00000	U µg/L
	Silver	3.00000	U µg/L
	Sodium	108,500.00000	U µg/L
	Thallium	7.00000	U µg/L
	Vanadium	2.00000	U µg/L
	Zinc	4.00000	U µg/L
3G-A004 WL01	TCL Volatiles		
	Acetone	10.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	3.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3G-A004 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	1.00000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	6,250.00000 -	µg/L
	TDS	1,525,000.00000 -	µg/L
	TSS	1,179,000.00000 -	µg/L
3H-A001 DL01	TAL Total Inorganics		
	Aluminum	16,400.00000 J	mg/kg
	Antimony	1.60000 U	mg/kg
	Arsenic	11.00000 -	mg/kg
	Barium	117.00000 -	mg/kg
	Beryllium	1.70000 -	mg/kg
	Cadmium	0.64000 U	mg/kg
	Calcium	51,200.00000 -	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Chromium	30.70000	mg/kg
	Cobalt	11.80000	mg/kg
	Copper	33.30000 UC	mg/kg
	Iron	31,100.00000	mg/kg
	Lead	43.30000 Jv	mg/kg
	Magnesium	4,240.00000	mg/kg
	Manganese	421.00000	mg/kg
	Mercury	0.16000 U	mg/kg
	Nickel	28.40000	mg/kg
	Potassium	5,350.00000	mg/kg
	Selenium	1.60000 U	mg/kg
	Silver	0.96000 U	mg/kg
	Sodium	1,600.00000 J	mg/kg
	Thallium	2.20000 U	mg/kg
	Vanadium	40.20000	mg/kg
	Zinc	81.60000 J	mg/kg
3H-A001 DL01	TCL Volatiles		
	Acetone	0.04600 UJ	mg/kg
	Benzene	0.01700 U	mg/kg
	Bromodichloromethane	0.01700 U	mg/kg
	Bromoform	0.01700 U	mg/kg
	Bromomethane	0.01700 U	mg/kg
	2-Butanone	0.01700 U	mg/kg
	Carbon Disulfide	0.01700 U	mg/kg
	Carbon Tetrachloride	0.01700 U	mg/kg
	Chlorobenzene	0.01700 U	mg/kg
	Chloroethane	0.01700 U	mg/kg
	Chloroform	0.01700 U	mg/kg
	Chloromethane	0.01700 U	mg/kg
	Dibromochloromethane	0.01700 U	mg/kg
	1,1-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethane	0.01700 U	mg/kg
	1,2-Dichloroethene (total)	0.01700 U	mg/kg
	1,1-Dichloroethene	0.01700 U	mg/kg
	1,2-Dichloropropane	0.01700 U	mg/kg
	cis-1,3-Dichloropropene	0.01700 U	mg/kg
	trans-1,3-Dichloropropene	0.01700 U	mg/kg
	Ethylbenzene	0.01700 U	mg/kg
	2-Hexanone	0.01700 U	mg/kg
	4-Methyl-2-Pentanone	0.01700 U	mg/kg
	Methylene Chloride	0.01700 U	mg/kg
	Styrene	0.01700 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01700 U	mg/kg
	Tetrachloroethene	0.01700 U	mg/kg
	Toluene	0.01700 U	mg/kg
	1,1,1-Trichloroethane	0.01700 U	mg/kg
	1,1,2-Trichloroethane	0.01700 U	mg/kg
	Trichloroethene	0.01700 U	mg/kg
	Vinyl Chloride	0.01700 U	mg/kg
	Xylene (total)	0.01700 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.56000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Acenaphthylene	0.56000 U mg/kg
	Anthracene	0.56000 U mg/kg
	Benzo (a) anthracene	0.56000 U mg/kg
	Benzo (a) pyrene	0.56000 U mg/kg
	Benzo (b) fluoranthene	0.56000 U mg/kg
	Benzo (g, h, i) perylene	0.56000 U mg/kg
	Benzo (k) fluoranthene	0.56000 U mg/kg
	bis (2-Chloroethoxy) Methane	0.56000 U mg/kg
	bis (2-Chloroethyl) Ether	0.56000 U mg/kg
	bis (2-Ethylhexyl) phthalate	0.07700 U mg/kg
	4-Bromophenyl-phenylether	0.56000 U mg/kg
	Butylbenzylphthalate	0.56000 U mg/kg
	Carbazole	0.56000 U mg/kg
	4-Chloro-3-Methylphenol	0.56000 U mg/kg
	4-Chloroaniline	0.56000 U mg/kg
	2-Chloronaphthalene	0.56000 U mg/kg
	2-Chlorophenol	0.56000 U mg/kg
	4-Chlorophenyl-phenylether	0.56000 U mg/kg
	Chrysene	0.56000 U mg/kg
	Di-n-butylphthalate	0.56000 U mg/kg
	Di-n-octylphthalate	0.56000 U mg/kg
	Dibenz (a, h) anthracene	0.56000 U mg/kg
	Dibenzofuran	0.56000 U mg/kg
	1,2-Dichlorobenzene	0.56000 U mg/kg
	1,3-Dichlorobenzene	0.56000 U mg/kg
	1,4-Dichlorobenzene	0.56000 U mg/kg
	3,3'-Dichlorobenzidine	0.56000 U mg/kg
	2,4-Dichlorophenol	0.56000 U mg/kg
	Diethylphthalate	0.56000 U mg/kg
	2,4-Dimethylphenol	0.56000 U mg/kg
	Dimethylphthalate	0.56000 U mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U mg/kg
	2,4-Dinitrophenol	1.40000 U mg/kg
	2,4-Dinitrotoluene	0.56000 U mg/kg
	2,6-Dinitrotoluene	0.56000 U mg/kg
	Fluoranthene	0.56000 U mg/kg
	Fluorene	0.56000 U mg/kg
	Hexachlorobenzene	0.56000 U mg/kg
	Hexachlorobutadiene	0.56000 U mg/kg
	Hexachlorocyclopentadiene	0.56000 U mg/kg
	Hexachloroethane	0.56000 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.56000 U mg/kg
	Isophorone	0.56000 U mg/kg
	2-Methylnaphthalene	0.56000 U mg/kg
	2-Methylphenol	0.56000 U mg/kg
	4-Methylphenol	0.56000 U mg/kg
	Naphthalene	0.56000 U mg/kg
	2-Nitroaniline	1.40000 U mg/kg
	3-Nitroaniline	1.40000 U mg/kg
	4-Nitroaniline	1.40000 U mg/kg
	Nitrobenzene	0.56000 U mg/kg
	2-Nitrophenol	0.56000 U mg/kg
	4-Nitrophenol	1.40000 U mg/kg
	N-Nitroso-di-n-propylamine	0.56000 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
3H-A001 DL01	N-Nitrosodiphenylamine (1)	0.56000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.56000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	0.56000 U	mg/kg
	Phenol	0.56000 U	mg/kg
	Pyrene	0.56000 U	mg/kg
	1,2,4-Trichlorobenzene	0.56000 U	mg/kg
	2,4,5-Trichlorophenol	1.40000 U	mg/kg
	2,4,6-Trichlorophenol	0.56000 U	mg/kg
	TCL Pesticides		
	Aldrin	0.00290 U	mg/kg
	Aroclor-1016	0.05600 U	mg/kg
	Aroclor-1221	0.11000 U	mg/kg
	Aroclor-1232	0.05600 U	mg/kg
	Aroclor-1242	0.05600 U	mg/kg
3H-A001 WL01	Aroclor-1248	0.05600 U	mg/kg
	Aroclor-1254	0.02000 U	mg/kg
	Aroclor-1260	0.05600 U	mg/kg
	gamma-BHC (Lindane)	0.00290 U	mg/kg
	alpha-BHC	0.00290 U	mg/kg
	beta-BHC	0.00290 U	mg/kg
	delta-BHC	0.00290 U	mg/kg
	alpha-Chlordane	0.00290 U	mg/kg
	gamma-Chlordane	0.00039 U	mg/kg
	4,4'-DDD	0.00560 U	mg/kg
	4,4'-DDE	0.00560 U	mg/kg
	4,4'-DDT	0.00560 U	mg/kg
	Dieldrin	0.00560 U	mg/kg
	Endosulfan I	0.00290 U	mg/kg
	Endosulfan II	0.00560 U	mg/kg
	Endosulfan sulfate	0.00560 U	mg/kg
	Endrin	0.00560 U	mg/kg
	Endrin aldehyde	0.00560 U	mg/kg
	Endrin ketone	0.00560 U	mg/kg
	Heptachlor	0.00290 U	mg/kg
	Heptachlor epoxide	0.00290 U	mg/kg
	Methoxychlor	0.02900 U	mg/kg
	Toxaphene	0.29000 U	mg/kg
	TAL Total Inorganics		
	Aluminum	288.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	20.20000 UC	µg/L
	Barium	305.00000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	133,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	56.10000	µg/L
	Iron	5,450.00000 U	µg/L
	Lead	5.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Magnesium	44,700.00000	-	µg/L
	Manganese	178.00000	-	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	40.60000	-	µg/L
	Potassium	142,000.00000	-	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	302,000.00000	J	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	74.80000	-	µg/L
3H-A001 WL01	TAL Dissolved Inorganics			
	Aluminum	37.40000	UC	µg/L
	Antimony	26.80000	-	µg/L
	Arsenic	143.00000	J	µg/L
	Barium	232.00000	-	µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	99,200.00000	-	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	10.70000	-	µg/L
	Iron	60.00000	U	µg/L
	Lead	3.00000	U	µg/L
	Magnesium	33,000.00000	-	µg/L
	Manganese	134.00000	-	µg/L
	Mercury	0.20000	U	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	129,000.00000	-	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	272,000.00000	-	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
	TCL Volatiles			
	Acetone	10.00000	U	µg/L
	Benzene	10.00000	U	µg/L
	Bromodichloromethane	10.00000	U	µg/L
	Bromoform	10.00000	U	µg/L
	Bromomethane	10.00000	U	µg/L
	2-Butanone	10.00000	U	µg/L
	Carbon Disulfide	10.00000	U	µg/L
	Carbon Tetrachloride	10.00000	U	µg/L
	Chlorobenzene	10.00000	U	µg/L
	Chloroethane	10.00000	U	µg/L
	Chloroform	10.00000	U	µg/L
	Chloromethane	10.00000	U	µg/L
	Dibromochloromethane	10.00000	U	µg/L
	1,1-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethane	10.00000	U	µg/L
	1,2-Dichloroethene (total)	10.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
3H-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g, h, i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a, h) anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	2.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	3.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	10.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
3H-A001 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.00840 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.00920 J	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
3H-A001 WL01	Wet Chemistry		
	TOC	65,800.00000 -	µg/L
	TDS	1,700,000.00000 -	µg/L
	TSS	1,610,000.00000 -	µg/L
3I-A001 DL01	TAL Total Inorganics		
	Aluminum	19,600.00000 J	mg/kg
	Antimony	1.50000 U	mg/kg
	Arsenic	11.20000 -	mg/kg
	Barium	113.00000 -	mg/kg
	Beryllium	1.90000 -	mg/kg
	Cadmium	0.61000 U	mg/kg
	Calcium	61,200.00000 -	mg/kg
	Chromium	33.50000 -	mg/kg
	Cobalt	12.00000 -	mg/kg
	Copper	39.90000 UC	mg/kg
	Iron	32,400.00000 -	mg/kg
	Lead	31.60000 J	mg/kg
	Magnesium	4,260.00000 -	mg/kg
	Manganese	454.00000 -	mg/kg
	Mercury	0.15000 U	mg/kg
	Nickel	31.50000 -	mg/kg
	Potassium	4,630.00000 -	mg/kg
	Selenium	1.50000 U	mg/kg
	Silver	0.91000 U	mg/kg
	Sodium	1,550.00000 J	mg/kg
	Thallium	2.10000 U	mg/kg
	Vanadium	40.50000 -	mg/kg
	Zinc	101.00000 -	mg/kg
	TCL Volatiles		
	Acetone	0.03300 UJ	mg/kg
	Benzene	0.01500 U	mg/kg
	Bromodichloromethane	0.01500 U	mg/kg
	Bromoform	0.01500 U	mg/kg
	Bromomethane	0.01500 U	mg/kg
	2-Butanone	0.01500 U	mg/kg
	Carbon Disulfide	0.01500 U	mg/kg
	Carbon Tetrachloride	0.01500 U	mg/kg
	Chlorobenzene	0.01500 U	mg/kg
	Chloroethane	0.01500 U	mg/kg
	Chloroform	0.01500 U	mg/kg
	Chloromethane	0.01500 U	mg/kg
	Dibromochloromethane	0.01500 U	mg/kg
	1,1-Dichloroethane	0.01500 U	mg/kg
	1,2-Dichloroethane	0.01500 U	mg/kg
	1,2-Dichloroethene (total)	0.01500 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	1,1-Dichloroethene	0.01500 U	mg/kg
	1,2-Dichloropropane	0.01500 U	mg/kg
	cis-1,3-Dichloropropene	0.01500 U	mg/kg
	trans-1,3-Dichloropropene	0.01500 U	mg/kg
	Ethylbenzene	0.01500 U	mg/kg
	2-Hexanone	0.01500 U	mg/kg
	4-Methyl-2-Pentanone	0.01500 U	mg/kg
	Methylene Chloride	0.01500 U	mg/kg
	Styrene	0.01500 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01500 U	mg/kg
	Tetrachloroethene	0.01500 U	mg/kg
	Toluene	0.01500 U	mg/kg
	1,1,1-Trichloroethane	0.01500 U	mg/kg
	1,1,2-Trichloroethane	0.01500 U	mg/kg
	Trichloroethene	0.01500 U	mg/kg
	Vinyl Chloride	0.01500 U	mg/kg
	Xylene (total)	0.01500 U	mg/kg
3I-A001 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.49000 U	mg/kg
	Acenaphthylene	0.49000 U	mg/kg
	Anthracene	0.49000 U	mg/kg
	Benzo (a) anthracene	0.49000 U	mg/kg
	Benzo (a) pyrene	0.49000 U	mg/kg
	Benzo (b) fluoranthene	0.49000 U	mg/kg
	Benzo (g, h, i) perylene	0.49000 U	mg/kg
	Benzo (k) fluoranthene	0.49000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.49000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.49000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.49000 U	mg/kg
	4-Bromophenyl-phenylether	0.12000 U	mg/kg
	Butylbenzylphthalate	0.49000 U	mg/kg
	Carbazole	0.49000 U	mg/kg
	4-Chloro-3-Methylphenol	0.49000 U	mg/kg
	4-Chloroaniline	0.49000 U	mg/kg
	2-Chloronaphthalene	0.49000 U	mg/kg
	2-Chlorophenol	0.49000 U	mg/kg
	4-Chlorophenyl-phenylether	0.49000 U	mg/kg
	Chrysene	0.49000 U	mg/kg
	Di-n-butylphthalate	0.49000 U	mg/kg
	Di-n-octylphthalate	0.49000 U	mg/kg
	Dibenz (a, h) anthracene	0.49000 U	mg/kg
	Dibenzofuran	0.49000 U	mg/kg
	1,2-Dichlorobenzene	0.49000 U	mg/kg
	1,3-Dichlorobenzene	0.49000 U	mg/kg
	1,4-Dichlorobenzene	0.49000 U	mg/kg
	3,3'-Dichlorobenzidine	0.49000 U	mg/kg
	2,4-Dichlorophenol	0.49000 U	mg/kg
	Diethylphthalate	0.49000 U	mg/kg
	2,4-Dimethylphenol	0.49000 U	mg/kg
	Dimethylphthalate	0.49000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.20000 U	mg/kg
	2,4-Dinitrophenol	1.20000 U	mg/kg
	2,4-Dinitrotoluene	0.49000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2,6-Dinitrotoluene	0.49000 U	mg/kg
	Fluoranthene	0.49000 U	mg/kg
	Fluorene	0.49000 U	mg/kg
	Hexachlorobenzene	0.49000 U	mg/kg
	Hexachlorobutadiene	0.49000 U	mg/kg
	Hexachlorocyclopentadiene	0.49000 U	mg/kg
	Hexachloroethane	0.49000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.49000 U	mg/kg
	Isophorone	0.49000 U	mg/kg
	2-Methylnaphthalene	0.49000 U	mg/kg
	2-Methylphenol	0.49000 U	mg/kg
	4-Methylphenol	0.49000 U	mg/kg
	Naphthalene	0.49000 U	mg/kg
	2-Nitroaniline	1.20000 U	mg/kg
	3-Nitroaniline	1.20000 U	mg/kg
	4-Nitroaniline	1.20000 U	mg/kg
	Nitrobenzene	0.49000 U	mg/kg
	2-Nitrophenol	0.49000 U	mg/kg
	4-Nitrophenol	1.20000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.49000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.49000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.49000 U	mg/kg
	Pentachlorophenol	1.20000 U	mg/kg
	Phenanthrene	0.49000 U	mg/kg
	Phenol	0.49000 U	mg/kg
	Pyrene	0.49000 U	mg/kg
	1,2,4-Trichlorobenzene	0.49000 U	mg/kg
	2,4,5-Trichlorophenol	1.20000 U	mg/kg
	2,4,6-Trichlorophenol	0.49000 U	mg/kg
3I-A001 DL01	TCL Pesticides		
	Aldrin	0.00260 U	mg/kg
	Aroclor-1016	0.05000 U	mg/kg
	Aroclor-1221	0.10000 U	mg/kg
	Aroclor-1232	0.05000 U	mg/kg
	Aroclor-1242	0.05000 U	mg/kg
	Aroclor-1248	0.05000 U	mg/kg
	Aroclor-1254	0.04500 J	mg/kg
	Aroclor-1260	0.05000 U	mg/kg
	gamma-BHC (Lindane)	0.00260 U	mg/kg
	alpha-BHC	0.00260 U	mg/kg
	beta-BHC	0.00260 U	mg/kg
	delta-BHC	0.00260 U	mg/kg
	alpha-Chlordane	0.00260 U	mg/kg
	gamma-Chlordane	0.00055 J	mg/kg
	4,4'-DDD	0.00500 U	mg/kg
	4,4'-DDE	0.00079 J	mg/kg
	4,4'-DDT	0.00500 U	mg/kg
	Dieldrin	0.00500 U	mg/kg
	Endosulfan I	0.00260 U	mg/kg
	Endosulfan II	0.00500 U	mg/kg
	Endosulfan sulfate	0.00500 U	mg/kg
	Endrin	0.00500 U	mg/kg
	Endrin aldehyde	0.00500 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Endrin ketone	0.00500 U	µg/kg
	Heptachlor	0.00260 U	µg/kg
	Heptachlor epoxide	0.00077 J	µg/kg
	Methoxychlor	0.02600 U	µg/kg
	Toxaphene	0.26000 U	µg/kg
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3I-A001 WL01	TAL Total Inorganics		
	Aluminum	1,070.00000 J	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	36.90000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	169,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	55.90000	µg/L
	Iron	1,530.00000 J	µg/L
	Lead	17.00000	µg/L
	Magnesium	19,200.00000	µg/L
	Manganese	224.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	7,480.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	47,300.00000 J	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	32.60000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	25.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 UJ	µg/L
	Barium	30.10000	µg/L
	Beryllium	1.20000	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	139,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	7.70000	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	17,000.00000	µg/L
	Manganese	177.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	7,670.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	46,600.00000	µg/L
	Thallium	7.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
3I-A001 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L
	4-Chloro-3-Methylphenol	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	4-Chloroaniline	10.00000	U µg/L
	2-Chloronaphthalene	10.00000	U µg/L
	2-Chlorophenol	10.00000	U µg/L
	4-Chlorophenyl-phenylether	10.00000	U µg/L
	Chrysene	10.00000	U µg/L
	Di-n-butylphthalate	10.00000	U µg/L
	Di-n-octylphthalate	10.00000	U µg/L
	Dibenz (a, h) anthracene	10.00000	U µg/L
	Dibenzofuran	10.00000	U µg/L
	1,2-Dichlorobenzene	10.00000	U µg/L
	1,3-Dichlorobenzene	10.00000	U µg/L
	1,4-Dichlorobenzene	10.00000	U µg/L
	3,3'-Dichlorobenzidine	10.00000	U µg/L
	2,4-Dichlorophenol	10.00000	U µg/L
	Diethylphthalate	11.00000	U µg/L
	2,4-Dimethylphenol	10.00000	U µg/L
	Dimethylphthalate	10.00000	U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000	U µg/L
	2,4-Dinitrophenol	25.00000	U µg/L
	2,4-Dinitrotoluene	10.00000	U µg/L
	2,6-Dinitrotoluene	10.00000	U µg/L
	Fluoranthene	10.00000	U µg/L
	Fluorene	10.00000	U µg/L
	Hexachlorobenzene	10.00000	U µg/L
	Hexachlorobutadiene	10.00000	U µg/L
	Hexachlorocyclopentadiene	10.00000	U µg/L
	Hexachloroethane	10.00000	U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000	U µg/L
	Isophorone	10.00000	U µg/L
	2-Methylnaphthalene	10.00000	U µg/L
	2-Methylphenol	10.00000	U µg/L
	4-Methylphenol	10.00000	U µg/L
	Naphthalene	10.00000	U µg/L
	2-Nitroaniline	10.00000	U µg/L
	3-Nitroaniline	25.00000	U µg/L
	4-Nitroaniline	25.00000	U µg/L
	Nitrobenzene	25.00000	U µg/L
	2-Nitrophenol	10.00000	U µg/L
	4-Nitrophenol	25.00000	U µg/L
	N-Nitroso-di-n-propylamine	10.00000	U µg/L
	N-Nitrosodiphenylamine (1)	10.00000	U µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000	U µg/L
	Pentachlorophenol	25.00000	U µg/L
	Phenanthrene	10.00000	U µg/L
	Phenol	10.00000	U µg/L
	Pyrene	10.00000	U µg/L
	1,2,4-Trichlorobenzene	10.00000	U µg/L
	2,4,5-Trichlorophenol	25.00000	U µg/L
	2,4,6-Trichlorophenol	10.00000	U µg/L
3I-A001 WL01	TCL Pesticides		
	Aldrin	0.05000	U µg/L
	Aroclor-1016	1.00000	U µg/L
	Aroclor-1221	2.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
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3I-A001 WL01	Wet Chemistry		
	TOC	12,100.00000	µg/L
	TDS	858,000.00000	µg/L
	TSS	4,240,000.00000	µg/L
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4E-A001 DL01	TAL Total Inorganics		
	Aluminum	12,600.00000	mg/kg
	Antimony	3.00000 U	mg/kg
	Arsenic	23.80000 UC	mg/kg
	Barium	159.00000	mg/kg
	Beryllium	1.80000	mg/kg
	Cadmium	1.20000 U	mg/kg
	Calcium	91,400.00000	mg/kg
	Chromium	23.50000	mg/kg
	Cobalt	7.80000	mg/kg
	Copper	69.40000 UC	mg/kg
	Iron	35,400.00000	mg/kg
	Lead	64.90000 UC JV	mg/kg
	Magnesium	3,710.00000	mg/kg
	Manganese	754.00000	mg/kg
	Mercury	0.30000 U	mg/kg
	Nickel	24.50000	mg/kg
	Potassium	3,360.00000	mg/kg
	Selenium	3.00000 U	mg/kg
	Silver	1.80000 U	mg/kg
	Sodium	2,700.00000 UCJ	mg/kg
	Thallium	4.20000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result	Qualifier*
4E-A001 DL01	Vanadium	35.00000	mg/kg
	Zinc	163.00000	mg/kg
	TCL Volatiles		
	Acetone	0.04200	U mg/kg
	Benzene	0.03300	U mg/kg
	Bromodichloromethane	0.03300	U mg/kg
	Bromoform	0.03300	U mg/kg
	Bromomethane	0.03300	U mg/kg
	2-Butanone	0.03300	U mg/kg
	Carbon Disulfide	0.03300	U mg/kg
	Carbon Tetrachloride	0.03300	U mg/kg
	Chlorobenzene	0.03300	U mg/kg
	Chloroethane	0.03300	U mg/kg
	Chloroform	0.03300	U mg/kg
	Chloromethane	0.03300	U mg/kg
	Dibromochloromethane	0.03300	U mg/kg
	1,1-Dichloroethane	0.03300	U mg/kg
	1,2-Dichloroethane	0.03300	U mg/kg
	1,2-Dichloroethene (total)	0.03300	U mg/kg
	1,1-Dichloroethene	0.03300	U mg/kg
	1,2-Dichloropropane	0.03300	U mg/kg
	cis-1,3-Dichloropropene	0.03300	U mg/kg
	trans-1,3-Dichloropropene	0.03300	U mg/kg
	Ethylbenzene	0.03300	U mg/kg
	2-Hexanone	0.03300	U mg/kg
	4-Methyl-2-Pentanone	0.03300	U mg/kg
	Methylene Chloride	0.03300	U mg/kg
	Styrene	0.03300	U mg/kg
	1,1,2,2-Tetrachloroethane	0.03300	U mg/kg
	Tetrachloroethene	0.03300	U mg/kg
	Toluene	0.03300	U mg/kg
	1,1,1-Trichloroethane	0.03300	U mg/kg
	1,1,2-Trichloroethane	0.03300	U mg/kg
	Trichloroethene	0.03300	U mg/kg
	Vinyl Chloride	0.03300	U mg/kg
	Xylene (total)	0.03300	U mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	1.10000	U mg/kg
	Acenaphthylene	1.10000	U mg/kg
	Anthracene	1.10000	U mg/kg
	Benzo (a) anthracene	1.10000	U mg/kg
	Benzo (a) pyrene	0.12000	J mg/kg
	Benzo (b) fluoranthene	0.15000	J mg/kg
	Benzo (g,h,i) perylene	0.11000	J mg/kg
	Benzo (k) fluoranthene	1.10000	U mg/kg
	bis (2-Chloroethoxy) Methane	1.10000	U mg/kg
	bis (2-Chloroethyl) Ether	1.10000	U mg/kg
	bis (2-Ethylhexyl) phthalate	0.84000	J mg/kg
	4-Bromophenyl-phenylether	1.10000	U mg/kg
	Butylbenzylphthalate	1.10000	U mg/kg
	Carbazole	1.10000	U mg/kg
	4-Chloro-3-Methylphenol	1.10000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chloroaniline	1.10000 U	mg/kg
	2-Chloronaphthalene	1.10000 U	mg/kg
	2-Chlorophenol	1.10000 U	mg/kg
	4-Chlorophenyl-phenylether	1.10000 U	mg/kg
	Chrysene	1.10000 U	mg/kg
	Di-n-butylphthalate	1.10000 U	mg/kg
	Di-n-octylphthalate	1.10000 U	mg/kg
	Dibenz (a,h) anthracene	1.10000 U	mg/kg
	Dibenzofuran	1.10000 U	mg/kg
	1,2-Dichlorobenzene	1.10000 U	mg/kg
	1,3-Dichlorobenzene	1.10000 U	mg/kg
	1,4-Dichlorobenzene	1.10000 U	mg/kg
	3,3'-Dichlorobenzidine	1.10000 U	mg/kg
	2,4-Dichlorophenol	1.10000 U	mg/kg
	Diethylphthalate	1.10000 U	mg/kg
	2,4-Dimethylphenol	1.10000 U	mg/kg
	Dimethylphthalate	1.10000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	2.60000 U	mg/kg
	2,4-Dinitrophenol	2.60000 U	mg/kg
	2,4-Dinitrotoluene	1.10000 U	mg/kg
	2,6-Dinitrotoluene	1.10000 U	mg/kg
	Fluoranthene	0.17000 J	mg/kg
	Fluorene	1.08000 U	mg/kg
	Hexachlorobenzene	1.10000 U	mg/kg
	Hexachlorobutadiene	1.10000 U	mg/kg
	Hexachlorocyclopentadiene	1.10000 U	mg/kg
	Hexachloroethane	1.10000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.09100 J	mg/kg
	Isophorone	1.10000 U	mg/kg
	2-Methylnaphthalene	1.10000 U	mg/kg
	2-Methylphenol	1.10000 U	mg/kg
	4-Methylphenol	1.10000 U	mg/kg
	Naphthalene	1.10000 U	mg/kg
	2-Nitroaniline	2.60000 U	mg/kg
	3-Nitroaniline	2.60000 U	mg/kg
	4-Nitroaniline	2.60000 U	mg/kg
	Nitrobenzene	1.10000 U	mg/kg
	2-Nitrophenol	1.10000 U	mg/kg
	4-Nitrophenol	2.60000 U	mg/kg
	N-Nitroso-di-n-propylamine	1.10000 U	mg/kg
	N-Nitrosodiphenylamine (1)	1.10000 U	mg/kg
	2,2'-Oxybis (1-Chloropropane)	1.10000 U	mg/kg
	Pentachlorophenol	2.60000 U	mg/kg
	Phenanthrene	0.07100 J	mg/kg
	Phenol	1.10000 U	mg/kg
	Pyrene	0.23000 J	mg/kg
	1,2,4-Trichlorobenzene	1.10000 U	mg/kg
	2,4,5-Trichlorophenol	2.60000 U	mg/kg
	2,4,6-Trichlorophenol	1.10000 U	mg/kg
4E-A001 DL01	TCL Pesticides		
	Aldrin	0.00560 U	mg/kg
	Aroclor-1016	0.11000 U	mg/kg
	Aroclor-1221	0.22000 U	mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1232	0.11000	U mg/kg
	Aroclor-1242	0.11000	U mg/kg
	Aroclor-1248	0.11000	U mg/kg
	Aroclor-1254	0.11000	U mg/kg
	Aroclor-1260	0.11000	U mg/kg
	gamma-BHC (Lindane)	0.00560	U mg/kg
	alpha-BHC	0.00560	U mg/kg
	beta-BHC	0.00560	U mg/kg
	delta-BHC	0.00560	U mg/kg
	alpha-Chlordane	0.00150	J mg/kg
	gamma-Chlordane	0.00089	J mg/kg
	4,4'-DDD	0.01100	U mg/kg
	4,4'-DDE	0.00130	J mg/kg
	4,4'-DDT	0.01100	U mg/kg
	Dieldrin	0.01100	U mg/kg
	Endosulfan I	0.01100	U mg/kg
	Endosulfan II	0.00560	U mg/kg
	Endosulfan sulfate	0.01100	U mg/kg
	Endrin	0.01100	U mg/kg
	Endrin aldehyde	0.01100	U mg/kg
	Endrin ketone	0.01100	U mg/kg
	Heptachlor	0.00560	U mg/kg
	Heptachlor epoxide	0.00560	U mg/kg
	Methoxychlor	0.05600	U mg/kg
	Toxaphene	0.56000	U mg/kg
4E-A001 DL01	Wet Chemistry		
	TOC	6,970.00000	mg/kg
4E-A001 WL01	TAL Total Inorganics		
	Aluminum	161.00000	µg/L
	Antimony	30.00000	µg/L
	Arsenic	181.00000	µg/L
	Barium	255.00000	µg/L
	Beryllium	1.00000	µg/L
	Cadmium	2.00000	µg/L
	Calcium	113,000.00000	µg/L
	Chromium	5.00000	µg/L
	Cobalt	5.00000	µg/L
	Copper	24.30000	µg/L
	Iron	8,390.00000	µg/L
	Lead	6.10000	µg/L
	Magnesium	18,600.00000	µg/L
	Manganese	1,020.00000	µg/L
	Mercury	0.20000	µg/L
	Nickel	10.00000	µg/L
	Potassium	29,800.00000	µg/L
	Selenium	5.00000	µg/L
	Silver	3.00000	µg/L
	Sodium	171,000.00000	µg/L
	Thallium	7.00000	µg/L
	Vanadium	2.00000	µg/L
	Zinc	4.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4E-A001 WL01	TAL Dissolved Inorganics		
	Aluminum	101.00000 UC	µg/L
	Antimony	24.10000 UC	µg/L
	Arsenic	80.70000	µg/L
	Barium	291.00000	µg/L
	Beryllium	1.30000 UC	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	140,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	6.50000	µg/L
	Copper	5.80000 UC	µg/L
	Iron	7,050.00000	µg/L
	Lead	3.60000	µg/L
	Magnesium	28,200.00000	µg/L
	Manganese	1,190.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	12.50000	µg/L
	Potassium	35,100.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	200,000.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4R-A001 WL01	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L
	Acenaphthylene	10.00000	U µg/L
	Anthracene	10.00000	U µg/L
	Benzo (a) anthracene	10.00000	U µg/L
	Benzo (a) pyrene	10.00000	U µg/L
	Benzo (b) fluoranthene	10.00000	U µg/L
	Benzo (g,h,i) perylene	10.00000	U µg/L
	Benzo (k) fluoranthene	10.00000	U µg/L
	bis (2-Chloroethoxy) Methane	10.00000	U µg/L
	bis (2-Chloroethyl) Ether	10.00000	U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000	U µg/L
	4-Bromophenyl-phenylether	10.00000	U µg/L
	Butylbenzylphthalate	10.00000	U µg/L
	Carbazole	10.00000	U µg/L
	4-Chloro-3-Methylphenol	10.00000	U µg/L
	4-Chloroaniline	10.00000	U µg/L
	2-Chloronaphthalene	10.00000	U µg/L
	2-Chlorophenol	10.00000	U µg/L
	4-Chlorophenyl-phenylether	10.00000	U µg/L
	Chrysene	10.00000	U µg/L
	Di-n-butylphthalate	10.00000	U µg/L
	Di-n-octylphthalate	10.00000	U µg/L
	Dibenz (a,h) anthracene	10.00000	U µg/L
	Dibenzofuran	10.00000	U µg/L
	1,2-Dichlorobenzene	10.00000	U µg/L
	1,3-Dichlorobenzene	10.00000	U µg/L
	1,4-Dichlorobenzene	10.00000	U µg/L
	3,3'-Dichlorobenzidine	10.00000	U µg/L
	2,4-Dichlorophenol	10.00000	U µg/L
	Diethylphthalate	10.00000	U µg/L
	2,4-Dimethylphenol	10.00000	U µg/L
	Dimethylphthalate	10.00000	U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000	U µg/L
	2,4-Dinitrophenol	25.00000	U µg/L
	2,4-Dinitrotoluene	10.00000	U µg/L
	2,6-Dinitrotoluene	10.00000	U µg/L
	Fluoranthene	10.00000	U µg/L
	Fluorene	10.00000	U µg/L
	Hexachlorobenzene	10.00000	U µg/L
	Hexachlorobutadiene	10.00000	U µg/L
	Hexachlorocyclopentadiene	10.00000	U µg/L
	Hexachloroethane	10.00000	U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000	U µg/L
	Isophorone	10.00000	U µg/L
	2-Methylnaphthalene	10.00000	U µg/L
	2-Methylphenol	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
4E-A001 WL01	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
4E-A001 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 UJv µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 U µg/L
	4,4'-DDD	0.10000 UJv µg/L
	4,4'-DDE	0.10000 U µg/L
	4,4'-DDT	0.10000 UJv µg/L
	Dieldrin	0.10000 U µg/L
	Endosulfan I	0.05000 U µg/L
	Endosulfan II	0.10000 UJv µg/L
	Endosulfan sulfate	0.10000 UJv µg/L
	Endrin	0.10000 U µg/L
	Endrin aldehyde	0.10000 UJv µg/L
	Endrin ketone	0.10000 UJv µg/L
	Heptachlor	0.05000 U µg/L
	Heptachlor epoxide	0.05000 U µg/L
	Methoxychlor	0.50000 UJv µg/L
	Toxaphene	5.00000 UJv µg/L
	Wet Chemistry	
	TOC	48,600.00000 µg/L
	TDS	1,040,000.00000 µg/L
	TSS	14,000.00000 µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4E-A002 DL01	TAL Total Inorganics		
	Aluminum	14,500.00000	mg/kg
	Antimony	3.30000 U	mg/kg
	Arsenic	9.30000 UC	mg/kg
	Barium	99.20000	mg/kg
	Beryllium	1.70000	mg/kg
	Cadmium	1.30000 U	mg/kg
	Calcium	102,000.00000	mg/kg
	Chromium	28.50000	mg/kg
	Cobalt	10.00000	mg/kg
	Copper	72.20000 UC	mg/kg
	Iron	26,700.00000	mg/kg
	Lead	64.60000 UCJv	mg/kg
	Magnesium	3,690.00000	mg/kg
	Manganese	502.00000 Jv	mg/kg
	Mercury	0.33000 U	mg/kg
	Nickel	29.90000	mg/kg
	Potassium	3,800.00000	mg/kg
	Selenium	3.30000 U	mg/kg
	Silver	2.00000 U	mg/kg
	Sodium	2,060.00000 UCJ	mg/kg
	Thallium	4.70000 U	mg/kg
	Vanadium	42.00000	mg/kg
	Zinc	147.00000 J~	mg/kg
	TCL Volatiles		
	Acetone	0.03800 UJ	mg/kg
	Benzene	0.02600 U	mg/kg
	Bromodichloromethane	0.02600 U	mg/kg
	Bromoform	0.02600 U	mg/kg
	Bromomethane	0.02600 U	mg/kg
	2-Butanone	0.00800 J	mg/kg
	Carbon Disulfide	0.02600 U	mg/kg
	Carbon Tetrachloride	0.02600 U	mg/kg
	Chlorobenzene	0.02600 U	mg/kg
	Chloroethane	0.02600 U	mg/kg
	Chloroform	0.02600 U	mg/kg
	Chloromethane	0.02600 U	mg/kg
	Dibromochloromethane	0.02600 U	mg/kg
	1,1-Dichloroethane	0.02600 U	mg/kg
	1,2-Dichloroethane	0.02600 U	mg/kg
	1,2-Dichloroethane (total)	0.02600 U	mg/kg
	1,1-Dichloroethene	0.02600 U	mg/kg
	1,2-Dichloropropane	0.02600 U	mg/kg
	cis-1,3-Dichloropropene	0.02600 U	mg/kg
	trans-1,3-Dichloropropene	0.02600 U	mg/kg
	Ethylbenzene	0.02600 U	mg/kg
	2-Hexanone	0.02600 U	mg/kg
	4-Methyl-2-Pentanone	0.02600 U	mg/kg
	Methylene Chloride	0.02600 U	mg/kg
	Styrene	0.02600 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.02600 U	mg/kg
	Tetrachloroethene	0.02600 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Toluene	0.02600	U mg/kg
	1,1,1-Trichloroethane	0.02600	U mg/kg
	1,1,2-Trichloroethane	0.02600	U mg/kg
	Trichloroethene	0.02600	U mg/kg
	Vinyl Chloride	0.02600	U mg/kg
	Xylene (total)	0.02600	U mg/kg
4E-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.87000	U mg/kg
	Acenaphthylene	0.87000	U mg/kg
	Anthracene	0.87000	U mg/kg
	Benzo (a) anthracene	0.17000	J mg/kg
	Benzo (a) pyrene	0.14000	J mg/kg
	Benzo (b) fluoranthene	0.18000	J mg/kg
	Benzo (g, h, i) perylene	0.12000	J mg/kg
	Benzo (k) fluoranthene	0.14000	J mg/kg
	bis (2-Chloroethoxy) Methane	0.87000	U mg/kg
	bis (2-Chloroethyl) Ether	0.87000	U mg/kg
	bis (2-Ethylhexyl) phthalate	1.10000	U mg/kg
	4-Bromophenyl-phenylether	0.87000	U mg/kg
	Butylbenzylphthalate	0.87000	U mg/kg
	Carbazole	0.87000	U mg/kg
	4-Chloro-3-Methylphenol	0.87000	U mg/kg
	4-Chloroaniline	0.87000	U mg/kg
	2-Chloronaphthalene	0.87000	U mg/kg
	2-Chlorophenol	0.87000	U mg/kg
	4-Chlorophenyl-phenylether	0.87000	U mg/kg
	Chrysene	0.17000	J mg/kg
	Di-n-butylphthalate	0.87000	U mg/kg
	Di-n-octylphthalate	0.87000	U mg/kg
	Dibenz (a, h) anthracene	0.87000	U mg/kg
	Dibenzofuran	0.87000	U mg/kg
	Dibenzofuran	0.87000	U mg/kg
	1,2-Dichlorobenzene	0.87000	U mg/kg
	1,3-Dichlorobenzene	0.87000	U mg/kg
	1,4-Dichlorobenzene	0.87000	U mg/kg
	3,3'-Dichlorobenzidine	0.87000	U mg/kg
	2,4-Dichlorophenol	0.87000	U mg/kg
	Diethylphthalate	0.87000	U mg/kg
	2,4-Dimethylphenol	0.87000	U mg/kg
	Dimethylphthalate	0.87000	U mg/kg
	4,6-Dinitro-2-Methylphenol	2.10000	U mg/kg
	2,4-Dinitrophenol	2.10000	U mg/kg
	2,4-Dinitrotoluene	0.87000	U mg/kg
	2,6-Dinitrotoluene	0.87000	U mg/kg
	Fluoranthene	0.20000	J mg/kg
	Fluorene	0.87000	U mg/kg
	Hexachlorobenzene	0.87000	U mg/kg
	Hexachlorobutadiene	0.87000	U mg/kg
	Hexachlorocyclopentadiene	0.87000	U mg/kg
	Hexachloroethane	0.87000	U mg/kg
	Indeno (1,2,3-cd) pyrene	0.09800	J mg/kg
	Isophorone	0.87000	U mg/kg
	2-Methylnaphthalene	0.87000	U mg/kg
	2-Methylphenol	0.87000	U mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Methylphenol	0.87000 U	mg/kg
	Naphthalene	0.87000 U	mg/kg
	2-Nitroaniline	2.10000 U	mg/kg
	3-Nitroaniline	2.10000 U	mg/kg
	4-Nitroaniline	2.10000 U	mg/kg
	Nitrobenzene	0.87000 U	mg/kg
	2-Nitrophenol	0.87000 U	mg/kg
	4-Nitrophenol	2.10000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.87000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.87000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.87000 U	mg/kg
	Pentachlorophenol	2.10000 U	mg/kg
	Phenanthrene	0.09600 J	mg/kg
	Phenol	0.87000 U	mg/kg
	Pyrene	0.30000 J	mg/kg
	1,2,4-Trichlorobenzene	0.87000 U	mg/kg
	2,4,5-Trichlorophenol	2.10000 U	mg/kg
	2,4,6-Trichlorophenol	0.87000 U	mg/kg
48-A002 DL01	TCL Pesticides		
	Aldrin	0.00440 U	mg/kg
	Aroclor-1016	0.08500 U	mg/kg
	Aroclor-1221	0.17000 U	mg/kg
	Aroclor-1232	0.08500 U	mg/kg
	Aroclor-1242	0.08500 U	mg/kg
	Aroclor-1248	0.08500 U	mg/kg
	Aroclor-1254	0.08500 U	mg/kg
	Aroclor-1260	0.08500 U	mg/kg
	gamma-BHC (Lindane)	0.08500 U	mg/kg
	alpha-BHC	0.00440 U	mg/kg
	beta-BHC	0.00440 U	mg/kg
	delta-BHC	0.00440 U	mg/kg
	alpha-Chlordane	0.00210 J	mg/kg
	gamma-Chlordane	0.00400 J	mg/kg
	4,4'-DDD	0.00850 U	mg/kg
	4,4'-DDE	0.00160 J	mg/kg
	4,4'-DDT	0.00220 J	mg/kg
	Dieldrin	0.00390 J	mg/kg
	Endosulfan I	0.00440 U	mg/kg
	Endosulfan II	0.00850 U	mg/kg
	Endosulfan sulfate	0.00180 J	mg/kg
	Endrin	0.00850 U	mg/kg
	Endrin aldehyde	0.00850 U	mg/kg
	Endrin ketone	0.00850 U	mg/kg
	Heptachlor	0.00440 U	mg/kg
	Heptachlor epoxide	0.00440 U	mg/kg
	Methoxychlor	0.04400 U	mg/kg
	Toxaphene	0.44000 U	mg/kg
	TCLP Inorganics		
	Arsenic	0.00505 B	mg/L
	Barium	0.57300 J	mg/L
	Cadmium	0.00715 B	mg/L
	Chromium	0.00570 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

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Location & Sample Number	Parameter	Result & Qualifier*	
4E-A002 DL01	Lead	0.01950 BS	mg/L
	Mercury	0.00020 U	mg/L
	Selenium	0.02700 UJ	mg/L
	Silver	0.00450 U	mg/L
	TCLP Volatiles		
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L
	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 U	mg/L
	3-Methylphenol	0.18000 U	mg/L
	4-Methylphenol	0.18000 U	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 U	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 U	mg/L
	2,4,6-Trichlorophenol	0.12000 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
4E-A002 WL01	Wet Chemistry		
	TOC	9,330.00000	mg/kg
4E-A002 WL01	TAL Total Inorganics		
	Aluminum	149.00000	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	43.30000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4E-A002 WL01	Calcium	116,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	13.30000	µg/L
	Iron	1,030.00000	µg/L
	Lead	8.00000	µg/L
	Magnesium	13,000.00000	µg/L
	Manganese	133.00000	µg/L
	Mercury	0.26000	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	5,770.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	61,900.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	10.50000	µg/L
4E-A002 WL01	TAL Dissolved Inorganics		
	Aluminum	35.70000 UC	µg/L
	Antimony	13.40000 UC	µg/L
	Arsenic	51.30000	µg/L
	Barium	41.60000 J	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	120,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000 U	µg/L
	Copper	11.00000 UC	µg/L
	Iron	60.00000 U	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	13,400.00000	µg/L
	Manganese	117.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	6,370.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	71,200.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropene	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	10.00000 U µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
4E-A002 WL01	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
4E-A002 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Dieldrin	0.10000	U µg/L
	Endosulfan I	0.05000	U µg/L
	Endosulfan II	0.10000	U µg/L
	Endosulfan sulfate	0.10000	U µg/L
	Endrin	0.10000	U µg/L
	Endrin aldehyde	0.10000	U µg/L
	Endrin ketone	0.10000	U µg/L
	Heptachlor	0.05000	U µg/L
	Heptachlor epoxide	0.05000	U µg/L
	Methoxychlor	0.50000	U µg/L
	Toxaphene	5.00000	U µg/L
4E-A002 WL01	Wet Chemistry		
	TOC	4,180.00000	— µg/L
	TDS	592,000.00000	— µg/L
	TSS	12,000.00000	— µg/L
4E-A003 DL01	TAL Total Inorganics		
	Aluminum	15,900.00000	— mg/kg
	Antimony	1.90000	U mg/kg
	Arsenic	9.40000	UC mg/kg
	Barium	94.50000	— mg/kg
	Beryllium	1.60000	— mg/kg
	Cadmium	0.76000	U mg/kg
	Calcium	81,900.00000	— mg/kg
	Chromium	30.10000	— mg/kg
	Cobalt	9.80000	— mg/kg
	Copper	64.50000	UC mg/kg
	Iron	23,000.00000	— mg/kg
	Lead	104.00000	— Jv mg/kg
	Magnesium	3,520.00000	— mg/kg
	Manganese	779.00000	— Jv mg/kg
	Mercury	0.19000	U mg/kg
	Nickel	28.10000	— mg/kg
	Potassium	3,860.00000	— mg/kg
	Selenium	1.90000	U mg/kg
	Silver	1.10000	U mg/kg
	Sodium	1,330.00000	UCJ mg/kg
	Thallium	2.70000	U mg/kg
	Vanadium	38.50000	— mg/kg
	Zinc	140.00000	— mg/kg
	TCL Volatiles		
	Acetone	0.02300	UJ mg/kg
	Benzene	0.02100	U mg/kg
	Bromodichloromethane	0.02100	U mg/kg
	Bromoform	0.02100	U mg/kg
	Bromomethane	0.02100	U mg/kg
	2-Butanone	0.02100	U mg/kg
	Carbon Disulfide	0.02100	U mg/kg
	Carbon Tetrachloride	0.02100	U mg/kg
	Chlorobenzene	0.02100	U mg/kg
	Chloroethane	0.02100	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Chloroform	0.02100	U mg/kg
	Chloromethane	0.02100	U mg/kg
	Dibromochloromethane	0.02100	U mg/kg
	1,1-Dichloroethane	0.02100	U mg/kg
	1,2-Dichloroethane	0.02100	U mg/kg
	1,2-Dichloroethene (total)	0.02100	U mg/kg
	1,1-Dichloroethene	0.02100	U mg/kg
	1,2-Dichloropropane	0.02100	U mg/kg
	cis-1,3-Dichloropropene	0.02100	U mg/kg
	trans-1,3-Dichloropropene	0.02100	U mg/kg
	Ethylbenzene	0.02100	U mg/kg
	2-Hexanone	0.02100	U mg/kg
	4-Methyl-2-Pentanone	0.02100	U mg/kg
	Methylene Chloride	0.02100	U mg/kg
	Styrene	0.02100	U mg/kg
	1,1,2,2-Tetrachloroethane	0.02100	U mg/kg
	Tetrachloroethene	0.02100	U mg/kg
	Toluene	0.02100	U mg/kg
	1,1,1-Trichloroethane	0.02100	U mg/kg
	1,1,2-Trichloroethane	0.02100	U mg/kg
	Trichloroethene	0.02100	U mg/kg
	Vinyl Chloride	0.02100	U mg/kg
	Xylene (total)	0.02100	U mg/kg
4E-A003 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.67000	U mg/kg
	Acenaphthylene	0.67000	U mg/kg
	Anthracene	0.18000	J mg/kg
	Benzo (a) anthracene	0.24000	J mg/kg
	Benzo (a) pyrene	0.28000	J mg/kg
	Benzo (b) fluoranthene	0.36000	J mg/kg
	Benzo (g, h, i) perylene	0.22000	J mg/kg
	Benzo (k) fluoranthene	0.24000	J mg/kg
	bis (2-Chloroethoxy) Methane	0.67000	U mg/kg
	bis (2-Chloroethyl) Ether	0.67000	U mg/kg
	bis (2-Ethylhexyl) phthalate	1.10000	U mg/kg
	4-Bromophenyl-phenylether	0.67000	U mg/kg
	Butylbenzylphthalate	0.92000	J mg/kg
	Carbazole	0.67000	U mg/kg
	4-Chloro-3-Methylphenol	0.67000	U mg/kg
	4-Chloroaniline	0.67000	U mg/kg
	2-Chloronaphthalene	0.67000	U mg/kg
	2-Chlorophenol	0.67000	U mg/kg
	4-Chlorophenyl-phenylether	0.67000	U mg/kg
	Chrysene	0.67000	U mg/kg
	Di-n-butylphthalate	0.29000	J mg/kg
	Di-n-octylphthalate	0.67000	U mg/kg
	Dibenz (a, h) anthracene	0.67000	U mg/kg
	Dibenzofuran	0.67000	U mg/kg
	1,2-Dichlorobenzene	0.67000	U mg/kg
	1,3-Dichlorobenzene	0.67000	U mg/kg
	1,4-Dichlorobenzene	0.67000	U mg/kg
	3,3'-Dichlorobenzidine	0.67000	U mg/kg
	2,4-Dichlorophenol	0.67000	U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Diethylphthalate	0.67000 U	mg/kg
	2,4-Dimethylphenol	0.67000 U	mg/kg
	Dimethylphthalate	0.67000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.60000 U	mg/kg
	2,4-Dinitrophenol	1.60000 U	mg/kg
	2,4-Dinitrotoluene	0.67000 U	mg/kg
	2,6-Dinitrotoluene	0.67000 U	mg/kg
	Fluoranthene	0.39000 J	mg/kg
	Fluorene	0.67000 U	mg/kg
	Hexachlorobenzene	0.67000 U	mg/kg
	Hexachlorobutadiene	0.67000 U	mg/kg
	Hexachlorocyclopentadiene	0.67000 U	mg/kg
	Hexachloroethane	0.67000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	0.20000 J	mg/kg
	Isophorone	0.67000 U	mg/kg
	2-Methylnaphthalene	0.67000 U	mg/kg
	2-Methylphenol	0.67000 U	mg/kg
	4-Methylphenol	0.67000 U	mg/kg
	Naphthalene	0.67000 U	mg/kg
	2-Nitroaniline	1.60000 U	mg/kg
	3-Nitroaniline	1.60000 U	mg/kg
	4-Nitroaniline	1.60000 U	mg/kg
	Nitrobenzene	0.67000 U	mg/kg
	2-Nitrophenol	0.67000 U	mg/kg
	4-Nitrophenol	1.60000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.67000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.67000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.67000 U	mg/kg
	Pentachlorophenol	1.60000 U	mg/kg
	Phenanthrene	0.18000 J	mg/kg
	Phenol	0.67000 U	mg/kg
	Pyrene	0.54000 J	mg/kg
	1,2,4-Trichlorobenzene	0.67000 U	mg/kg
	2,4,5-Trichlorophenol	1.60000 U	mg/kg
	2,4,6-Trichlorophenol	0.67000 U	mg/kg
4E-A003 DL01	TCL Pesticides		
	Aldrin	0.00350 U	mg/kg
	Aroclor-1016	0.06900 U	mg/kg
	Aroclor-1221	0.14000 U	mg/kg
	Aroclor-1232	0.06900 U	mg/kg
	Aroclor-1242	0.06900 U	mg/kg
	Aroclor-1248	0.06900 U	mg/kg
	Aroclor-1254	0.06900 U	mg/kg
	Aroclor-1260	0.06900 U	mg/kg
	gamma-BHC (Lindane)	0.00350 U	mg/kg
	alpha-BHC	0.00350 U	mg/kg
	beta-BHC	0.00350 U	mg/kg
	delta-BHC	0.00350 U	mg/kg
	alpha-Chlordane	0.00470 U	mg/kg
	gamma-Chlordane	0.00360 J	mg/kg
	4,4'-DDD	0.00690 U	mg/kg
	4,4'-DDE	0.00170 J	mg/kg
	4,4'-DDT	0.00150 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*		
4E-A003 DL01	Dieldrin	0.00440	U	mg/kg
	Endosulfan I	0.00350	U	mg/kg
	Endosulfan II	0.00690	U	mg/kg
	Endosulfan sulfate	0.00690	U	mg/kg
	Endrin	0.00690	U	mg/kg
	Endrin aldehyde	0.00690	U	mg/kg
	Endrin ketone	0.00690	U	mg/kg
	Heptachlor	0.00350	U	mg/kg
	Heptachlor epoxide	0.00350	U	mg/kg
	Methoxychlor	0.03500	U	mg/kg
	Toxaphene	0.35000	U	mg/kg
	Wet Chemistry			
	TOC	13,400.00000	-	mg/kg
4E-A003 WL01	TAL Total Inorganics			
	Aluminum	84.80000	-	µg/L
	Antimony	6.30000	-	µg/L
	Arsenic	50.00000	-	µg/L
	Barium	40.90000	-	µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	118,000.00000	-	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	8.60000	-	µg/L
	Iron	354.00000	-	µg/L
	Lead	3.00000	U	µg/L
	Magnesium	13,100.00000	-	µg/L
	Manganese	92.70000	-	µg/L
	Mercury	0.26000	-	µg/L
	Nickel	10.00000	U	µg/L
	Potassium	6,310.00000	-	µg/L
	Selenium	5.00000	U	µg/L
	Silver	3.00000	U	µg/L
	Sodium	71,100.00000	-	µg/L
	Thallium	7.00000	U	µg/L
	Vanadium	2.00000	U	µg/L
	Zinc	4.00000	U	µg/L
	TAL Dissolved Inorganics			
	Aluminum	39.40000	UC	µg/L
	Antimony	13.60000	UC	µg/L
	Arsenic	38.50000	-	µg/L
	Barium	40.50000	-	µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	122,000.00000	-	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	7.30000	UC	µg/L
	Iron	66.00000	-	µg/L
	Lead	3.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Magnesium	13,800.00000	µg/L
	Manganese	84.50000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	6,510.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	76,300.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
4K-A003 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Benzo(g,h,i)perylene	10.00000 U µg/L
	Benzo(k)fluoranthene	10.00000 U µg/L
	bis(2-Chloroethoxy)Methane	10.00000 U µg/L
	bis(2-Chloroethyl)Ether	10.00000 U µg/L
	bis(2-Ethylhexyl)phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz(a,h)anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	10.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	25.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	10.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	25.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	10.00000 U µg/L
	N-Nitroso-di-n-propylamine	25.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	10.00000 U µg/L
	Phenanthrene	25.00000 U µg/L
	Phenol	10.00000 U µg/L
		10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4E-A003 WL01	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 U	µg/L
	Endosulfan sulfate	0.10000 U	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 U	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 U	µg/L
	Toxaphene	5.00000 U	µg/L
	Wet Chemistry		
	TOC	4,310.00000	µg/L
	TDS	718,000.00000	µg/L
	TSS	8,000.00000	µg/L
4F-A001 DL01	TAL Total Inorganics		
	Aluminum	14,350.00000	mg/kg
	Antimony	2.10000 UC	mg/kg
	Arsenic	16.60000 J	mg/kg
	Barium	103.60000	mg/kg
	Beryllium	1.90000	mg/kg
	Cadmium	4.61000 J	mg/kg
	Calcium	82,900.00000 J	mg/kg
	Chromium	31.30000	mg/kg
	Cobalt	10.25000	mg/kg
	Copper	74.90000 UC	mg/kg
	Iron	39,450.00000	mg/kg
	Lead	265.00000 JV	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
	Magnesium	3,175.00000		mg/kg
	Manganese	852.00000	Jv	mg/kg
	Mercury	0.20000		mg/kg
	Nickel	26.20000		mg/kg
	Potassium	3,310.00000		mg/kg
	Selenium	1.60000	U	mg/kg
	Silver	0.96000	U	mg/kg
	Sodium	1,380.00000	UCJ	mg/kg
	Thallium	2.20000	U	mg/kg
	Vanadium	44.15000		mg/kg
	Zinc	204.00000		mg/kg
4F-A001 DL01	TCL Volatiles			
	Acetone	0.01900	UJ	mg/kg
	Benzene	0.01800	U	mg/kg
	Bromodichloromethane	0.01800	U	mg/kg
	Bromoform	0.01800	U	mg/kg
	Bromomethane	0.01800	U	mg/kg
	2-Butanone	0.01800	U	mg/kg
	Carbon Disulfide	0.01800	U	mg/kg
	Carbon Tetrachloride	0.01800	U	mg/kg
	Chlorobenzene	0.01800	U	mg/kg
	Chloroethane	0.01800	U	mg/kg
	Chloroform	0.01800	U	mg/kg
	Chloromethane	0.01800	U	mg/kg
	Dibromochloromethane	0.01800	U	mg/kg
	1,1-Dichloroethane	0.01800	U	mg/kg
	1,2-Dichloroethane	0.01800	U	mg/kg
	1,2-Dichloroethene (total)	0.01800	U	mg/kg
	1,1-Dichloroethene	0.01800	U	mg/kg
	1,2-Dichloropropane	0.01800	U	mg/kg
	cis-1,3-Dichloropropene	0.01800	U	mg/kg
	trans-1,3-Dichloropropene	0.01800	U	mg/kg
	Ethylbenzene	0.01800	U	mg/kg
	2-Hexanone	0.01800	U	mg/kg
	4-Methyl-2-Pentanone	0.01800	U	mg/kg
	Methylene Chloride	0.01800	U	mg/kg
	Styrene	0.01800	U	mg/kg
	1,1,2,2-Tetrachloroethane	0.01800	U	mg/kg
	Tetrachloroethene	0.01800	U	mg/kg
	Toluene	0.01800	U	mg/kg
	1,1,1-Trichloroethane	0.01800	U	mg/kg
	1,1,2-Trichloroethane	0.01800	U	mg/kg
	Trichloroethene	0.01800	U	mg/kg
	Vinyl Chloride	0.01800	U	mg/kg
	Xylene (total)	0.01800	U	mg/kg
	TCL Semi-Volatiles			
	Acenaphthene	0.11350	J	mg/kg
	Acenaphthylene	0.56000	U	mg/kg
	Anthracene	0.19000	J	mg/kg
	Benzo (a) anthracene	1.50000	J	mg/kg
	Benzo (a) pyrene	1.50000	J	mg/kg
	Benzo (b) fluoranthene	2.15000	J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Benzo(g,h,i)perylene	1.25000 J	mg/kg
	Benzo(k)fluoranthene	1.35000 J	mg/kg
	bis(2-Chloroethoxy)Methane	0.56000 U	mg/kg
	bis(2-Chloroethyl)Ether	0.56000 U	mg/kg
	bis(2-Ethylhexyl)phthalate	1.46500 J	mg/kg
	4-Bromophenyl-phenylether	0.56000 U	mg/kg
	Butylbenzylphthalate	0.56000 UJv	mg/kg
	Carbazole	0.21000 J	mg/kg
	4-Chloro-3-Methylphenol	0.56000 U	mg/kg
	4-Chloroaniline	0.56000 U	mg/kg
	2-Chloronaphthalene	0.56000 U	mg/kg
	2-Chlorophenol	0.56000 U	mg/kg
	4-Chlorophenyl-phenylether	0.56000 U	mg/kg
	Chrysene	1.75000 J	mg/kg
	Di-n-butylphthalate	0.56000 U	mg/kg
	Di-n-octylphthalate	0.56000 UJv	mg/kg
	Dibenz(a,h)anthracene	0.56000 UJv	mg/kg
	Dibenzofuran	0.04550 J	mg/kg
	1,2-Dichlorobenzene	0.56000 U	mg/kg
	1,3-Dichlorobenzene	0.56000 U	mg/kg
	1,4-Dichlorobenzene	0.56000 U	mg/kg
	3,3'-Dichlorobenzidine	0.56000 UJv	mg/kg
	2,4-Dichlorophenol	0.56000 U	mg/kg
	Diethylphthalate	0.56000 U	mg/kg
	2,4-Dimethylphenol	0.56000 U	mg/kg
	Dimethylphthalate	0.56000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	1.40000 U	mg/kg
	2,4-Dinitrophenol	1.40000 U	mg/kg
	2,4-Dinitrotoluene	0.56000 U	mg/kg
	2,6-Dinitrotoluene	0.56000 U	mg/kg
	Fluoranthene	2.10000 U	mg/kg
	Fluorene	0.08900 J	mg/kg
	Hexachlorobenzene	0.56000 U	mg/kg
	Hexachlorobutadiene	0.56000 U	mg/kg
	Hexachlorocyclopentadiene	0.56000 U	mg/kg
	Hexachloroethane	0.56000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	1.20000 J	mg/kg
	Isophorone	0.56000 U	mg/kg
	2-Methylnaphthalene	0.56000 U	mg/kg
	2-Methylphenol	0.56000 U	mg/kg
	4-Methylphenol	0.56000 U	mg/kg
	Naphthalene	0.56000 U	mg/kg
	2-Nitroaniline	1.40000 U	mg/kg
	3-Nitroaniline	1.40000 U	mg/kg
	4-Nitroaniline	1.40000 U	mg/kg
	Nitrobenzene	0.56000 U	mg/kg
	2-Nitrophenol	0.56000 U	mg/kg
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.56000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.56000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	0.56000 U	mg/kg
	Pentachlorophenol	1.40000 U	mg/kg
	Phenanthrene	1.50000 U	mg/kg
	Phenol	0.56000 U	mg/kg

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*		
4F-A001 DL01	Pyrene	3.70000	J	mg/kg
	1,2,4-Trichlorobenzene	0.56000	U	mg/kg
	2,4,5-Trichlorophenol	1.40000	U	mg/kg
	2,4,6-Trichlorophenol	0.56000	U	mg/kg
	TCL Pesticides			
	Aldrin	0.00580	U	mg/kg
	Aroclor-1016	0.11000	U	mg/kg
	Aroclor-1221	0.23000	U	mg/kg
	Aroclor-1232	0.11000	U	mg/kg
	Aroclor-1242	0.11000	U	mg/kg
	Aroclor-1248	0.11000	U	mg/kg
	Aroclor-1254	0.11000	U	mg/kg
	Aroclor-1260	0.11000	U	mg/kg
	gamma-BHC (Lindane)	0.00580	U	mg/kg
	alpha-BHC	0.00580	U	mg/kg
	beta-BHC	0.00580	U	mg/kg
	delta-BHC	0.00580	U	mg/kg
	alpha-Chlordane	0.00580	U	mg/kg
	gamma-Chlordane	0.00645	U	mg/kg
	4,4'-DDD	0.00550	J	mg/kg
4F-A001 WL01	4,4'-DDE	0.01100	U	mg/kg
	4,4'-DDT	0.00110	J	mg/kg
	Diieldrin	0.00210	J	mg/kg
	Endosulfan I	0.00198	J	mg/kg
	Endosulfan II	0.00580	U	mg/kg
	Endosulfan sulfate	0.01100	U	mg/kg
	Endrin	0.01100	U	mg/kg
	Endrin aldehyde	0.01100	U	mg/kg
	Endrin ketone	0.00293	J	mg/kg
	Heptachlor	0.00580	U	mg/kg
	Heptachlor epoxide	0.00118	J	mg/kg
	Methoxychlor	0.00695	J	mg/kg
	Toxaphene	0.58000	U	mg/kg
	Wet Chemistry			
	TOC	18,150.00000		mg/kg
	TAL Total Inorganics			
	Aluminum	35.40000	C	µg/L
	Antimony	9.35000	U	µg/L
	Arsenic	47.30000	J	µg/L
	Barium	61.05000	U	µg/L
	Beryllium	1.00000	U	µg/L
	Cadmium	2.00000	U	µg/L
	Calcium	90,300.00000	U	µg/L
	Chromium	5.00000	U	µg/L
	Cobalt	2.00000	U	µg/L
	Copper	13.67500	C	µg/L
	Iron	242.00000	U	µg/L
	Lead	3.65000	U	µg/L
	Magnesium	9,325.00000	U	µg/L
	Manganese	72.00000	U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Mercury	0.20000	µg/L
	Nickel	10.00000	µg/L
	Potassium	7,510.00000	µg/L
	Selenium	5.10000	µg/L
	Silver	3.00000	µg/L
	Sodium	72,900.00000	µg/L
	Thallium	7.00000	µg/L
	Vanadium	2.00000	µg/L
	Zinc	4.00000	µg/L
4F-A001 WL01	TAL Dissolved Inorganics		
	Aluminum	40.20000	UC µg/L
	Antimony	12.40000	UC µg/L
	Arsenic	59.50000	µg/L
	Barium	61.25000	µg/L
	Beryllium	1.00000	µg/L
	Cadmium	2.00000	µg/L
	Calcium	94,600.00000	µg/L
	Chromium	5.00000	µg/L
	Cobalt	2.00000	µg/L
	Copper	10.80000	UC µg/L
	Iron	60.00000	µg/L
	Lead	3.00000	µg/L
	Magnesium	9,920.00000	µg/L
	Manganese	36.44000	µg/L
	Mercury	0.20000	µg/L
	Nickel	10.00000	µg/L
	Potassium	8,230.00000	µg/L
	Selenium	5.00000	µg/L
	Silver	3.00000	µg/L
	Sodium	78,950.00000	µg/L
	Thallium	7.00000	µg/L
	Vanadium	2.00000	µg/L
	Zinc	4.00000	µg/L
	TCL Volatiles		
	Acetone	10.00000	µg/L
	Benzene	10.00000	µg/L
	Bromodichloromethane	10.00000	µg/L
	Bromoform	10.00000	µg/L
	Bromomethane	10.00000	µg/L
	2-Butanone	10.00000	µg/L
	Carbon Disulfide	10.00000	µg/L
	Carbon Tetrachloride	10.00000	µg/L
	Chlorobenzene	10.00000	µg/L
	Chloroethane	10.00000	µg/L
	Chloroform	10.00000	µg/L
	Chloromethane	10.00000	µg/L
	Dibromochloromethane	10.00000	µg/L
	1,1-Dichloroethane	10.00000	µg/L
	1,2-Dichloroethane	10.00000	µg/L
	1,2-Dichloroethene (total)	10.00000	µg/L
	1,1-Dichloroethene	10.00000	µg/L
	1,2-Dichloropropane	10.00000	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L
	Tetrachloroethene	10.00000	U µg/L
	Toluene	10.00000	U µg/L
	1,1,1-Trichloroethane	10.00000	U µg/L
	1,1,2-Trichloroethane	10.00000	U µg/L
	Trichloroethene	10.00000	U µg/L
	Vinyl Chloride	10.00000	U µg/L
	Xylene (total)	10.00000	U µg/L
4F-A001 WL01	TCL Semi-Volatiles		
	Acenaphthene	10.00000	U µg/L
	Acenaphthylene	10.00000	U µg/L
	Anthracene	10.00000	U µg/L
	Benzo (a) anthracene	10.00000	U µg/L
	Benzo (a) pyrene	10.00000	U µg/L
	Benzo (b) fluoranthene	10.00000	U µg/L
	Benzo (g, h, i) perylene	10.00000	U µg/L
	Benzo (k) fluoranthene	10.00000	U µg/L
	bis (2-Chloroethoxy) Methane	10.00000	U µg/L
	bis (2-Chloroethyl) Ether	10.00000	U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000	U µg/L
	4-Bromophenyl-phenylether	10.00000	U µg/L
	Butylbenzylphthalate	10.00000	U µg/L
	Carbazole	10.00000	U µg/L
	4-Chloro-3-Methylphenol	10.00000	U µg/L
	4-Chloroaniline	10.00000	U µg/L
	2-Chloronaphthalene	10.00000	U µg/L
	2-Chlorophenol	10.00000	U µg/L
	4-Chlorophenyl-phenylether	10.00000	U µg/L
	Chrysene	10.00000	U µg/L
	Di-n-butylphthalate	2.75000	J µg/L
	Di-n-octylphthalate	10.00000	U µg/L
	Dibenz (a, h) anthracene	10.00000	U µg/L
	Dibenzofuran	10.00000	U µg/L
	1,2-Dichlorobenzene	10.00000	U µg/L
	1,3-Dichlorobenzene	10.00000	U µg/L
	1,4-Dichlorobenzene	10.00000	U µg/L
	3,3'-Dichlorobenzidine	10.00000	U µg/L
	2,4-Dichlorophenol	10.00000	U µg/L
	Diethylphthalate	10.00000	U µg/L
	2,4-Dimethylphenol	10.00000	U µg/L
	Dimethylphthalate	10.00000	U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000	U µg/L
	2,4-Dinitrophenol	25.00000	U µg/L
	2,4-Dinitrotoluene	10.00000	U µg/L
	2,6-Dinitrotoluene	10.00000	U µg/L
	Fluoranthene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno(1,2,3-cd)pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L
	2-Methylphenol	10.00000 U µg/L
	4-Methylphenol	10.00000 U µg/L
	Naphthalene	10.00000 U µg/L
	2-Nitroaniline	25.00000 U µg/L
	3-Nitroaniline	25.00000 U µg/L
	4-Nitroaniline	25.00000 U µg/L
	Nitrobenzene	10.00000 U µg/L
	2-Nitrophenol	10.00000 U µg/L
	4-Nitrophenol	25.00000 U µg/L
	N-Nitroso-di-n-propylamine	10.00000 U µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U µg/L
	Pentachlorophenol	25.00000 U µg/L
	Phenanthrene	10.00000 U µg/L
	Phenol	10.00000 U µg/L
	Pyrene	10.00000 U µg/L
	1,2,4-Trichlorobenzene	10.00000 U µg/L
	2,4,5-Trichlorophenol	25.00000 U µg/L
	2,4,6-Trichlorophenol	10.00000 U µg/L
4F-A001 WL01	TCL Pesticides	
	Aldrin	0.05000 U µg/L
	Aroclor-1016	1.00000 U µg/L
	Aroclor-1221	2.00000 U µg/L
	Aroclor-1232	1.00000 U µg/L
	Aroclor-1242	1.00000 U µg/L
	Aroclor-1248	1.00000 U µg/L
	Aroclor-1254	1.00000 U µg/L
	Aroclor-1260	1.00000 U µg/L
	gamma-BHC (Lindane)	0.05000 U µg/L
	alpha-BHC	0.05000 U µg/L
	beta-BHC	0.05000 U µg/L
	delta-BHC	0.05000 U µg/L
	alpha-Chlordane	0.05000 U µg/L
	gamma-Chlordane	0.05000 U µg/L
	4,4'-DDD	0.10000 U µg/L
	4,4'-DDE	0.10000 U µg/L
	4,4'-DDT	0.10000 U µg/L
	Dieldrin	0.10000 U µg/L
	Endosulfan I	0.01565 U µg/L
	Endosulfan II	0.10000 U µg/L
	Endosulfan sulfate	0.10000 U µg/L
	Endrin	0.10000 U µg/L
	Endrin aldehyde	0.10000 U µg/L
	Endrin ketone	0.10000 U µg/L
	Heptachlor	0.05000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*		
4F-A001 WL01	Heptachlor epoxide	0.01700	J	µg/L
	Methoxychlor	0.50000	U	µg/L
	Toxaphene	5.00000	U	µg/L
	Wet Chemistry			
	TOC	10,500.00000	-	µg/L
	TDS	490,000.00000	-	µg/L
	TSS	9,000.00000	-	µg/L
4F-A002 DL01	TAL Total Inorganics			
	Aluminum	17,000.00000	-	mg/kg
	Antimony	2.20000	U	mg/kg
	Arsenic	8.50000	UC	mg/kg
	Barium	162.00000	-	mg/kg
	Beryllium	1.70000	-	mg/kg
	Cadmium	0.90000	U	mg/kg
	Calcium	57,000.00000	-	mg/kg
	Chromium	28.00000	-	mg/kg
	Cobalt	9.30000	-	mg/kg
	Copper	64.90000	UC	mg/kg
	Iron	25,000.00000	-	mg/kg
	Lead	51.40000	UCJv	mg/kg
	Magnesium	3,830.00000	-	mg/kg
	Manganese	781.00000	Jv	mg/kg
	Mercury	0.22000	U	mg/kg
	Nickel	23.00000	-	mg/kg
	Potassium	4,900.00000	-	mg/kg
	Selenium	2.20000	U	mg/kg
	Silver	1.30000	U	mg/kg
	Sodium	1,530.00000	UCJ	mg/kg
	Thallium	3.10000	U	mg/kg
	Vanadium	41.00000	-	mg/kg
	Zinc	123.00000	J	mg/kg
	TCL Volatiles			
	Acetone	0.03000	U	mg/kg
	Benzene	0.03000	U	mg/kg
	Bromodichloromethane	0.03000	U	mg/kg
	Bromoform	0.03000	U	mg/kg
	Bromomethane	0.03000	U	mg/kg
	2-Butanone	0.03000	U	mg/kg
	Carbon Disulfide	0.03000	U	mg/kg
	Carbon Tetrachloride	0.03000	U	mg/kg
	Chlorobenzene	0.03000	U	mg/kg
	Chloroethane	0.03000	U	mg/kg
	Chloroform	0.03000	U	mg/kg
	Chloromethane	0.03000	U	mg/kg
	Dibromochloromethane	0.03000	U	mg/kg
	1,1-Dichloroethane	0.03000	U	mg/kg
	1,2-Dichloroethane	0.03000	U	mg/kg
	1,2-Dichloroethane (total)	0.03000	U	mg/kg
	1,1-Dichloroethene	0.03000	U	mg/kg
	1,2-Dichloropropane	0.03000	U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	cis-1,3-Dichloropropene	0.03000 U	mg/kg
	trans-1,3-Dichloropropene	0.03000 U	mg/kg
	Ethylbenzene	0.03000 U	mg/kg
	2-Hexanone	0.03000 U	mg/kg
	4-Methyl-2-Pentanone	0.03000 U	mg/kg
	Methylene Chloride	0.03000 U	mg/kg
	Styrene	0.03000 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.03000 U	mg/kg
	Tetrachloroethene	0.03000 U	mg/kg
	Toluene	0.03000 U	mg/kg
	1,1,1-Trichloroethane	0.03000 U	mg/kg
	1,1,2-Trichloroethane	0.03000 U	mg/kg
	Trichloroethene	0.03000 U	mg/kg
	Vinyl Chloride	0.03000 U	mg/kg
	Xylene (total)	0.03000 U	mg/kg
4F-A002 DL01	TCL Semi-Volatiles		
	Acenaphthene	0.97000 U	mg/kg
	Acenaphthylene	0.97000 U	mg/kg
	Anthracene	0.97000 U	mg/kg
	Benzo (a) anthracene	0.97000 U	mg/kg
	Benzo (a) pyrene	0.05700 J	mg/kg
	Benzo (b) fluoranthene	0.07200 J	mg/kg
	Benzo (g,h,i) perylene	0.97000 U	mg/kg
	Benzo (k) fluoranthene	0.97000 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.97000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.97000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.20000 J	mg/kg
	4-Bromophenyl-phenylether	0.97000 U	mg/kg
	Butylbenzylphthalate	0.97000 U	mg/kg
	Carbazole	0.97000 U	mg/kg
	4-Chloro-3-Methylphenol	0.97000 U	mg/kg
	4-Chloroaniline	0.97000 U	mg/kg
	2-Chloronaphthalene	0.97000 U	mg/kg
	2-Chlorophenol	0.97000 U	mg/kg
	4-Chlorophenyl-phenylether	0.97000 U	mg/kg
	Chrysene	0.97000 U	mg/kg
	Di-n-butylphthalate	0.97000 U	mg/kg
	Di-n-octylphthalate	0.97000 U	mg/kg
	Dibenz (a,h) anthracene	0.97000 U	mg/kg
	Dibenzofuran	0.97000 U	mg/kg
	1,2-Dichlorobenzene	0.97000 U	mg/kg
	1,3-Dichlorobenzene	0.97000 U	mg/kg
	1,4-Dichlorobenzene	0.97000 U	mg/kg
	3,3'-Dichlorobenzidine	0.97000 U	mg/kg
	2,4-Dichlorophenol	0.97000 U	mg/kg
	Diethylphthalate	0.97000 U	mg/kg
	2,4-Dimethylphenol	0.97000 U	mg/kg
	Dimethylphthalate	0.97000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	2.40000 U	mg/kg
	2,4-Dinitrophenol	2.40000 U	mg/kg
	2,4-Dinitrotoluene	0.97000 U	mg/kg
	2,6-Dinitrotoluene	0.97000 U	mg/kg
	Fluoranthene	0.08000 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Fluorene	0.97000 U mg/kg
	Hexachlorobenzene	0.97000 U mg/kg
	Hexachlorobutadiene	0.97000 U mg/kg
	Hexachlorocyclopentadiene	0.97000 U mg/kg
	Hexachloroethane	0.97000 U mg/kg
	Indeno (1,2,3-cd) pyrene	0.97000 U mg/kg
	Isophorone	0.97000 U mg/kg
	2-Methylnaphthalene	0.97000 U mg/kg
	2-Methylphenol	0.97000 U mg/kg
	4-Methylphenol	0.97000 U mg/kg
	Naphthalene	0.97000 U mg/kg
	2-Nitroaniline	0.97000 U mg/kg
	3-Nitroaniline	2.40000 U mg/kg
	4-Nitroaniline	2.40000 U mg/kg
	Nitrobenzene	2.40000 U mg/kg
	2-Nitrophenol	0.08300 J mg/kg
	4-Nitrophenol	0.97000 U mg/kg
	N-Nitroso-di-n-propylamine	2.40000 U mg/kg
	N-Nitrosodiphenylamine (1)	0.97000 U mg/kg
	2,2'-Oxybis (1-Chloropropane)	0.97000 U mg/kg
	Pentachlorophenol	0.97000 U mg/kg
	Phenanthrene	2.40000 U mg/kg
	Phenol	0.97000 U mg/kg
	Pyrene	0.97000 U mg/kg
	1,2,4-Trichlorobenzene	0.09700 J mg/kg
	2,4,5-Trichlorophenol	0.97000 U mg/kg
	2,4,6-Trichlorophenol	2.40000 U mg/kg
		0.97000 U mg/kg
4F-A002 DL01	TCL Pesticides	
	Aldrin	
	Aroclor-1016	0.00500 U mg/kg
	Aroclor-1221	0.09700 U mg/kg
	Aroclor-1232	0.20000 U mg/kg
	Aroclor-1242	0.09700 U mg/kg
	Aroclor-1248	0.09700 U mg/kg
	Aroclor-1254	0.09700 U mg/kg
	Aroclor-1260	0.09700 U mg/kg
	gamma-BHC (Lindane)	0.09700 U mg/kg
	alpha-BHC	0.00500 U mg/kg
	beta-BHC	0.00058 J mg/kg
	delta-BHC	0.00500 U mg/kg
	alpha-Chlordane	0.00500 U mg/kg
	gamma-Chlordane	0.00500 U mg/kg
	4,4'-DDD	0.00054 J mg/kg
	4,4'-DDE	0.00970 U mg/kg
	4,4'-DDT	0.00970 U mg/kg
	Dieldrin	0.00970 U mg/kg
	Endosulfan I	0.00970 U mg/kg
	Endosulfan II	0.00500 U mg/kg
	Endosulfan sulfate	0.00970 U mg/kg
	Endrin	0.00970 U mg/kg
	Endrin aldehyde	0.00970 U mg/kg
	Endrin ketone	0.00970 U mg/kg
	Heptachlor	0.00970 U mg/kg
		0.00500 U mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4F-A002 DL01	Heptachlor epoxide	0.00065 U	mg/kg
	Methoxychlor	0.05000 U	mg/kg
	Toxaphene	0.50000 U	mg/kg
	Wet Chemistry		
	TOC	14,100.00000	mg/kg
4F-A002 WL01	TAL Total Inorganics		
	Aluminum	230.00000 U	µg/L
	Antimony	5.00000 U	µg/L
	Arsenic	7.00000 U	µg/L
	Barium	207.00000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	101,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	2.00000	µg/L
	Copper	24.10000	µg/L
	Iron	570.00000	µg/L
	Lead	7.50000	µg/L
	Magnesium	16,300.00000	µg/L
	Manganese	318.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	27,600.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	122,000.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	71.00000	µg/L
	TAL Dissolved Inorganics		
	Aluminum	39.80000 UC	µg/L
	Antimony	28.50000 UC	µg/L
	Arsenic	133.00000	µg/L
	Barium	186.00000 U	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	92,900.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	3.20000	µg/L
	Copper	8.90000 UC	µg/L
	Iron	60.00000 U	µg/L
	Lead	6.00000	µg/L
	Magnesium	14,500.00000	µg/L
	Manganese	97.30000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	10.00000 U	µg/L
	Potassium	30,600.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	138,000.00000	µg/L

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* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L
	Zinc	4.00000 U	µg/L
4F-A002 WL01	TCL Volatiles		
	Acetone	10.00000 U	µg/L
	Benzene	10.00000 U	µg/L
	Bromodichloromethane	10.00000 U	µg/L
	Bromoform	10.00000 U	µg/L
	Bromomethane	10.00000 U	µg/L
	2-Butanone	10.00000 U	µg/L
	Carbon Disulfide	10.00000 U	µg/L
	Carbon Tetrachloride	10.00000 U	µg/L
	Chlorobenzene	10.00000 U	µg/L
	Chloroethane	10.00000 U	µg/L
	Chloroform	10.00000 U	µg/L
	Chloromethane	10.00000 U	µg/L
	Dibromochloromethane	10.00000 U	µg/L
	1,1-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethane	10.00000 U	µg/L
	1,2-Dichloroethene (total)	10.00000 U	µg/L
	1,1-Dichloroethene	10.00000 U	µg/L
	1,2-Dichloropropane	10.00000 U	µg/L
	cis-1,3-Dichloropropene	10.00000 U	µg/L
	trans-1,3-Dichloropropene	10.00000 U	µg/L
	Ethylbenzene	10.00000 U	µg/L
	2-Hexanone	10.00000 U	µg/L
	4-Methyl-2-Pentanone	10.00000 U	µg/L
	Methylene Chloride	10.00000 U	µg/L
	Styrene	10.00000 U	µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U	µg/L
	Tetrachloroethene	10.00000 U	µg/L
	Toluene	10.00000 U	µg/L
	1,1,1-Trichloroethane	10.00000 U	µg/L
	1,1,2-Trichloroethane	10.00000 U	µg/L
	Trichloroethene	10.00000 U	µg/L
	Vinyl Chloride	10.00000 U	µg/L
	Xylene (total)	10.00000 U	µg/L
	TCL Semi-Volatiles		
	Acenaphthene	10.00000 U	µg/L
	Acenaphthylene	10.00000 U	µg/L
	Anthracene	10.00000 U	µg/L
	Benzo (a) anthracene	10.00000 U	µg/L
	Benzo (a) pyrene	10.00000 U	µg/L
	Benzo (b) fluoranthene	10.00000 U	µg/L
	Benzo (g,h,i) perylene	10.00000 U	µg/L
	Benzo (k) fluoranthene	10.00000 U	µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U	µg/L
	bis (2-Chloroethyl) Ether	10.00000 U	µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U	µg/L
	4-Bromophenyl-phenylether	10.00000 U	µg/L
	Butylbenzylphthalate	10.00000 U	µg/L
	Carbazole	10.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chloro-3-Methylphenol	10.00000 U	µg/L
	4-Chloroaniline	10.00000 U	µg/L
	2-Chloronaphthalene	10.00000 U	µg/L
	2-Chlorophenol	10.00000 U	µg/L
	4-Chlorophenyl-phenylether	10.00000 U	µg/L
	Chrysene	10.00000 U	µg/L
	Di-n-butylphthalate	10.00000 U	µg/L
	Di-n-octylphthalate	10.00000 U	µg/L
	Dibenz (a,h)anthracene	10.00000 U	µg/L
	Dibenzofuran	10.00000 U	µg/L
	1,2-Dichlorobenzene	10.00000 U	µg/L
	1,3-Dichlorobenzene	3.00000 U	µg/L
	1,4-Dichlorobenzene	10.00000 U	µg/L
	3,3'-Dichlorobenzidine	10.00000 U	µg/L
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
4F-A002 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	1.00000 UJv	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.05000 U	µg/L
	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.10000 U	µg/L
	Endosulfan II	0.05000 U	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.10000 UJv	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.01600 J	µg/L
	Toxaphene	0.50000 UJv	µg/L
		5.00000 UJv	µg/L
4F-A002 WL01	Wet Chemistry		
	TOC	25,800.00000	µg/L
	TDS	622,000.00000	µg/L
	TSS	70,000.00000	µg/L
4F-A003 DL01	TAL Total Inorganics		
	Aluminum	17,100.00000	mg/kg
	Antimony	3.60000 U	mg/kg
	Arsenic	19.20000	mg/kg
	Barium	127.00000	mg/kg
	Beryllium	1.70000	mg/kg
	Cadmium	1.50000 U	mg/kg
	Calcium	97,100.00000	mg/kg
	Chromium	29.50000	mg/kg
	Cobalt	11.20000	mg/kg
	Copper	71.90000	mg/kg
	Iron	28,800.00000	mg/kg
	Lead	149.00000 Jv	mg/kg
	Magnesium	4,490.00000	mg/kg
	Manganese	1,200.00000 Jv	mg/kg
	Mercury	0.36000 U	mg/kg
	Nickel	30.40000	mg/kg
	Potassium	5,900.00000	mg/kg
	Selenium	3.60000 U	mg/kg
	Silver	2.20000 U	mg/kg
	Sodium	2,510.00000 J	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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**Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES**

Location & Sample Number	Parameter	Result & Qualifier*	
	Thallium	5.10000 U	mg/kg
	Vanadium	46.00000	mg/kg
	Zinc	220.00000	mg/kg
4F-A003 DL01	TCL Volatiles		
	Acetone	0.03800 U	mg/kg
	Benzene	0.03800 U	mg/kg
	Bromodichloromethane	0.03800 U	mg/kg
	Bromoform	0.03800 U	mg/kg
	Bromomethane	0.03800 U	mg/kg
	2-Butanone	0.03800 U	mg/kg
	Carbon Disulfide	0.03800 U	mg/kg
	Carbon Tetrachloride	0.03800 U	mg/kg
	Chlorobenzene	0.03800 U	mg/kg
	Chloroethane	0.03800 U	mg/kg
	Chloroform	0.03800 U	mg/kg
	Chloromethane	0.03800 U	mg/kg
	Dibromochloromethane	0.03800 U	mg/kg
	1,1-Dichloroethane	0.03800 U	mg/kg
	1,2-Dichloroethane	0.03800 U	mg/kg
	1,2-Dichloroethene (total)	0.03800 U	mg/kg
	1,1-Dichloroethene	0.03800 U	mg/kg
	1,2-Dichloropropane	0.03800 U	mg/kg
	cis-1,3-Dichloropropene	0.03800 U	mg/kg
	trans-1,3-Dichloropropene	0.03800 U	mg/kg
	Ethylbenzene	0.03800 U	mg/kg
	2-Hexanone	0.03800 U	mg/kg
	4-Methyl-2-Pentanone	0.03800 U	mg/kg
	Methylene Chloride	0.03800 U	mg/kg
	Styrene	0.03800 U	mg/kg
	1,1,2,2-Tetrachloroethane	0.03800 U	mg/kg
	Tetrachloroethene	0.03800 U	mg/kg
	Toluene	0.03800 U	mg/kg
	1,1,1-Trichloroethane	0.03800 U	mg/kg
	1,1,2-Trichloroethane	0.03800 U	mg/kg
	Trichloroethene	0.03800 U	mg/kg
	Vinyl Chloride	0.03800 U	mg/kg
	Xylene (total)	0.03800 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	1.30000 U	mg/kg
	Acenaphthylene	1.30000 U	mg/kg
	Anthracene	1.30000 U	mg/kg
	Benzo (a) anthracene	1.30000 U	mg/kg
	Benzo (a) pyrene	1.30000 U	mg/kg
	Benzo (b) fluoranthene	1.30000 U	mg/kg
	Benzo (g,h,i) perylene	1.30000 U	mg/kg
	Benzo (k) Fluoranthene	1.30000 U	mg/kg
	bis (2-Chloroethoxy) Methane	1.30000 U	mg/kg
	bis (2-Chloroethyl) Ether	1.30000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.15000 J	mg/kg
	4-Bromophenyl-phenylether	1.30000 U	mg/kg
	Butylbenzylphthalate	0.08300 J	mg/kg
	Carbazole	1.30000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	4-Chloro-3-Methylphenol	1.30000 U	mg/kg
	4-Chloroaniline	1.30000 U	mg/kg
	2-Chloronaphthalene	1.30000 U	mg/kg
	2-Chlorophenol	1.30000 U	mg/kg
	4-Chlorophenyl-phenylether	1.30000 U	mg/kg
	Chrysene	1.30000 U	mg/kg
	Di-n-butylphthalate	0.10000 J	mg/kg
	Di-n-octylphthalate	1.30000 U	mg/kg
	Dibenz (a,h) anthracene	1.30000 U	mg/kg
	Dibenzofuran	1.30000 U	mg/kg
	1,2-Dichlorobenzene	1.30000 U	mg/kg
	1,3-Dichlorobenzene	1.30000 U	mg/kg
	1,4-Dichlorobenzene	1.30000 U	mg/kg
	3,3'-Dichlorobenzidine	1.30000 U	mg/kg
	2,4-Dichlorophenol	1.30000 U	mg/kg
	Diethylphthalate	1.30000 U	mg/kg
	2,4-Dimethylphenol	1.30000 U	mg/kg
	Dimethylphthalate	1.30000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	3.10000 U	mg/kg
	2,4-Dinitrophenol	3.10000 U	mg/kg
	2,4-Dinitrotoluene	1.30000 U	mg/kg
	2,6-Dinitrotoluene	1.30000 U	mg/kg
	Fluoranthene	1.30000 U	mg/kg
	Fluorene	1.30000 U	mg/kg
	Hexachlorobenzene	1.30000 U	mg/kg
	Hexachlorobutadiene	1.30000 U	mg/kg
	Hexachlorocyclopentadiene	1.30000 U	mg/kg
	Hexachloroethane	1.30000 U	mg/kg
	Indeno(1,2,3-cd)pyrene	1.30000 U	mg/kg
	Isophorone	1.30000 U	mg/kg
	2-Methylnaphthalene	1.30000 U	mg/kg
	2-Methylphenol	1.30000 U	mg/kg
	4-Methylphenol	1.30000 U	mg/kg
	Naphthalene	1.30000 U	mg/kg
	2-Nitroaniline	3.10000 U	mg/kg
	3-Nitroaniline	3.10000 U	mg/kg
	4-Nitroaniline	3.10000 U	mg/kg
	Nitrobenzene	1.30000 U	mg/kg
	2-Nitrophenol	1.30000 U	mg/kg
	4-Nitrophenol	3.10000 U	mg/kg
	N-Nitroso-di-n-propylamine	1.30000 U	mg/kg
	N-Nitrosodiphenylamine (1)	1.30000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	1.30000 U	mg/kg
	Pentachlorophenol	3.10000 U	mg/kg
	Phenanthrene	1.30000 U	mg/kg
	Phenol	1.30000 U	mg/kg
	Pyrene	1.30000 U	mg/kg
	1,2,4-Trichlorobenzene	1.30000 U	mg/kg
	2,4,5-Trichlorophenol	3.10000 U	mg/kg
	2,4,6-Trichlorophenol	1.30000 U	mg/kg
4F-A003 DL01	TCL Pesticides		
	Aldrin	0.00650 U	mg/kg
	Aroclor-1016	0.13000 U	mg/kg

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	Aroclor-1221	0.26000 U	mg/kg
	Aroclor-1232	0.13000 U	mg/kg
	Aroclor-1242	0.13000 U	mg/kg
	Aroclor-1248	0.13000 U	mg/kg
	Aroclor-1254	0.13000 U	mg/kg
	Aroclor-1260	0.13000 U	mg/kg
	gamma-BHC (Lindane)	0.00650 U	mg/kg
	alpha-BHC	0.00650 U	mg/kg
	beta-BHC	0.00650 U	mg/kg
	delta-BHC	0.00650 U	mg/kg
	alpha-Chlordane	0.00650 U	mg/kg
	gamma-Chlordane	0.00650 U	mg/kg
	4,4'-DDD	0.01300 U	mg/kg
	4,4'-DDE	0.01300 U	mg/kg
	4,4'-DDT	0.01300 U	mg/kg
	Dieldrin	0.01300 U	mg/kg
	Endosulfan I	0.00650 U	mg/kg
	Endosulfan II	0.01300 U	mg/kg
	Endosulfan sulfate	0.01300 U	mg/kg
	Endrin	0.01300 U	mg/kg
	Endrin aldehyde	0.01300 U	mg/kg
	Endrin ketone	0.01300 U	mg/kg
	Heptachlor	0.00650 U	mg/kg
	Heptachlor epoxide	0.00650 U	mg/kg
	Methoxychlor	0.06500 U	mg/kg
	Toxaphene	0.65000 U	mg/kg
4F-A003 DL01	Wet Chemistry		
	TOC	15,900.00000	mg/kg
4F-A003 WL01	TAL Total Inorganics		
	Aluminum	122.00000 UC	µg/L
	Antimony	23.40000	µg/L
	Arsenic	118.00000	µg/L
	Barium	429.00000	µg/L
	Beryllium	1.00000 U	µg/L
	Cadmium	2.00000 U	µg/L
	Calcium	132,000.00000	µg/L
	Chromium	5.00000 U	µg/L
	Cobalt	4.70000	µg/L
	Copper	13.30000 UC	µg/L
	Iron	639.00000	µg/L
	Lead	3.00000 U	µg/L
	Magnesium	21,200.00000	µg/L
	Manganese	1,170.00000	µg/L
	Mercury	0.20000 U	µg/L
	Nickel	15.20000	µg/L
	Potassium	43,100.00000	µg/L
	Selenium	5.00000 U	µg/L
	Silver	3.00000 U	µg/L
	Sodium	179,000.00000	µg/L
	Thallium	7.00000 U	µg/L
	Vanadium	2.00000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
	Zinc	7.20000	µg/L
4F-A003 WL01	TAL Dissolved Inorganics		
	Aluminum	38.20000	UC µg/L
	Antimony	28.30000	UC µg/L
	Arsenic	140.00000	µg/L
	Barium	418.00000	J µg/L
	Beryllium	1.10000	UC µg/L
	Cadmium	2.00000	µg/L
	Calcium	143,000.00000	µg/L
	Chromium	5.00000	µg/L
	Cobalt	3.80000	µg/L
	Copper	6.20000	UC µg/L
	Iron	60.00000	µg/L
	Lead	3.60000	J µg/L
	Magnesium	24,200.00000	µg/L
	Manganese	1,270.00000	µg/L
	Mercury	0.20000	µg/L
	Nickel	16.10000	µg/L
	Potassium	48,900.00000	µg/L
	Selenium	5.00000	µg/L
	Silver	3.00000	µg/L
	Sodium	195,000.00000	µg/L
	Thallium	7.00000	µg/L
	Vanadium	2.00000	µg/L
	Zinc	4.30000	µg/L
	TCL Volatiles		
	Acetone	10.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	1.00000	J µg/L
	Chloroethane	10.00000	U µg/L
	Chloroform	10.00000	U µg/L
	Chloromethane	10.00000	U µg/L
	Dibromochloromethane	10.00000	U µg/L
	1,1-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethane	10.00000	U µg/L
	1,2-Dichloroethene (total)	10.00000	U µg/L
	1,1-Dichloroethene	10.00000	U µg/L
	1,2-Dichloropropane	10.00000	U µg/L
	cis-1,3-Dichloropropene	10.00000	U µg/L
	trans-1,3-Dichloropropene	10.00000	U µg/L
	Ethylbenzene	10.00000	U µg/L
	2-Hexanone	10.00000	U µg/L
	4-Methyl-2-Pentanone	10.00000	U µg/L
	Methylene Chloride	10.00000	U µg/L
	Styrene	10.00000	U µg/L
	1,1,2,2-Tetrachloroethane	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
4F-A003 WL01	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L
	2,4-Dichlorophenol	10.00000 U µg/L
	Diethylphthalate	10.00000 U µg/L
	2,4-Dimethylphenol	10.00000 U µg/L
	Dimethylphthalate	10.00000 U µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U µg/L
	2,4-Dinitrophenol	25.00000 U µg/L
	2,4-Dinitrotoluene	10.00000 U µg/L
	2,6-Dinitrotoluene	10.00000 U µg/L
	Fluoranthene	10.00000 U µg/L
	Fluorene	10.00000 U µg/L
	Hexachlorobenzene	10.00000 U µg/L
	Hexachlorobutadiene	10.00000 U µg/L
	Hexachlorocyclopentadiene	10.00000 U µg/L
	Hexachloroethane	10.00000 U µg/L
	Indeno (1,2,3-cd) pyrene	10.00000 U µg/L
	Isophorone	10.00000 U µg/L
	2-Methylnaphthalene	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylphenol	2.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	25.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis(1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	10.00000 U	µg/L
	Phenanthrene	25.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	10.00000 U	µg/L
	2,4,6-Trichlorophenol	25.00000 U	µg/L
		10.00000 U	µg/L
4F-A003 WL01	TCL Pesticides		
	Aldrin		
	Aroclor-1016	0.05000 U	µg/L
	Aroclor-1221	1.00000 U	µg/L
	Aroclor-1232	2.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	1.00000 UJv	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.05000 U	µg/L
	4,4'-DDE	0.10000 UJv	µg/L
	4,4'-DDT	0.10000 U	µg/L
	Dieldrin	0.10000 UJv	µg/L
	Endosulfan I	0.10000 U	µg/L
	Endosulfan II	0.05000 U	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 UJv	µg/L
	Endrin aldehyde	0.10000 U	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.10000 UJv	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.05000 U	µg/L
	Toxaphene	0.50000 UJv	µg/L
		5.00000 UJv	µg/L
	Wet Chemistry		
	TOC	19,400.00000 -	µg/L
	TDS	1,240,000.00000 -	µg/L
	TSS	48,000.00000 -	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result	Qualifier*
4F-A004 DL01	TAL Total Inorganics	21,100.00000	mg/kg
	Aluminum	14.90000	UR
	Antimony	6.95000	Jv
	Arsenic	95.80000	mg/kg
	Barium	1.01500	mg/kg
	Beryllium	1.30000	U
	Cadmium	79,650.00000	mg/kg
	Calcium	32.65000	mg/kg
	Chromium	10.55000	mg/kg
	Cobalt	24.25000	mg/kg
	Copper	21,550.00000	mg/kg
	Iron	41.65000	J
	Lead	4,395.00000	mg/kg
	Magnesium	603.00000	mg/kg
	Manganese	0.10000	U
	Mercury	26.60000	mg/kg
	Nickel	3,985.00000	mg/kg
	Potassium	0.31000	U
	Selenium	3.50000	U
	Silver	171.50000	mg/kg
	Sodium	0.27000	U
	Thallium	48.50000	mg/kg
	Vanadium	111.00000	mg/kg
	Zinc		
	TCL Volatiles	0.01700	U
	Acetone	0.01700	U
	Benzene	0.01700	U
	Bromodichloromethane	0.01700	U
	Bromoform	0.01700	U
	Bromomethane	0.01700	U
	2-Butanone	0.01700	U
	Carbon Disulfide	0.01700	U
	Carbon Tetrachloride	0.01700	U
	Chlorobenzene	0.01700	U
	Chloroethane	0.01700	U
	Chloroform	0.01700	U
	Chloromethane	0.01700	U
	Dibromochloromethane	0.01700	U
	1,1-Dichloroethane	0.01700	U
	1,2-Dichloroethane	0.01700	U
	1,2-Dichloroethene (total)	0.01700	U
	1,1-Dichloroethene	0.01700	U
	1,2-Dichloropropane	0.01700	U
	cis-1,3-Dichloropropene	0.01700	U
	trans-1,3-Dichloropropene	0.01700	U
	Ethylbenzene	0.01700	U
	2-Hexanone	0.01700	U
	4-Methyl-2-Pentanone	0.01700	U
	Methylene Chloride	0.01700	U
	Styrene	0.01700	U
	1,1,2,2-Tetrachloroethane	0.01700	U

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4F-A004 DL01	Tetrachloroethene	0.01700 U	mg/kg
	Toluene	0.01700 U	mg/kg
	1,1,1-Trichloroethane	0.01700 U	mg/kg
	1,1,2-Trichloroethane	0.01700 U	mg/kg
	Trichloroethene	0.01700 U	mg/kg
	Vinyl Chloride	0.01700 U	mg/kg
	Xylene (total)	0.01700 U	mg/kg
	TCL Semi-Volatiles		
	Acenaphthene	0.55000 U	mg/kg
	Acenaphthylene	0.55000 U	mg/kg
	Anthracene	0.16900 U	mg/kg
	Benzo (a) anthracene	0.14450 U	mg/kg
	Benzo (a) pyrene	0.13000 U	mg/kg
	Benzo (b) fluoranthene	0.17500 U	mg/kg
	Benzo (g, h, i) perylene	0.09750 U	mg/kg
	Benzo (k) fluoranthene	0.13500 U	mg/kg
	bis (2-Chloroethoxy) Methane	0.55000 U	mg/kg
	bis (2-Chloroethyl) Ether	0.55000 U	mg/kg
	bis (2-Ethylhexyl) phthalate	0.55000 U	mg/kg
	4-Bromophenyl-phenylether	0.32500 U	mg/kg
	Butylbenzylphthalate	0.55000 U	mg/kg
	Carbazole	0.04500 U	mg/kg
	4-Chloro-3-Methylphenol	0.17200 U	mg/kg
	4-Chloroaniline	0.55000 U	mg/kg
	2-Chloronaphthalene	0.55000 U	mg/kg
	2-Chlorophenol	0.55000 U	mg/kg
	4-Chlorophenyl-phenylether	0.55000 U	mg/kg
	Chrysene	0.55000 U	mg/kg
	Di-n-butylphthalate	0.19000 U	mg/kg
	Di-n-octylphthalate	0.03050 U	mg/kg
	Dibenz (a, h) anthracene	0.38800 U	mg/kg
	Dibenzofuran	0.16000 U	mg/kg
	1,2-Dichlorobenzene	0.55000 U	mg/kg
	1,3-Dichlorobenzene	0.55000 U	mg/kg
	1,4-Dichlorobenzene	0.55000 U	mg/kg
	3,3'-Dichlorobenzidine	0.55000 U	mg/kg
	2,4-Dichlorophenol	0.55000 U	mg/kg
	Diethylphthalate	0.55000 U	mg/kg
	2,4-Dimethylphenol	0.55000 U	mg/kg
	Dimethylphthalate	0.55000 U	mg/kg
	4,6-Dinitro-2-Methylphenol	0.55000 U	mg/kg
	2,4-Dinitrophenol	1.40000 U	mg/kg
	2,4-Dinitrotoluene	1.40000 U	mg/kg
	2,6-Dinitrotoluene	0.55000 U	mg/kg
	Fluoranthene	0.55000 U	mg/kg
	Fluorene	0.34000 U	mg/kg
	Hexachlorobenzene	0.15950 U	mg/kg
	Hexachlorobutadiene	0.55000 U	mg/kg
	Hexachlorocyclopentadiene	0.55000 U	mg/kg
	Hexachloroethane	0.55000 U	mg/kg
	Indeno (1,2,3-cd) pyrene	0.55000 U	mg/kg
	Isophorone	0.09050 U	mg/kg
	2-Methylnaphthalene	0.55000 U	mg/kg
		0.55000 U	mg/kg

* See Attachment -2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
	2-Methylphenol	0.55000 U	mg/kg
	4-Methylphenol	0.55000 U	mg/kg
	Naphthalene	0.55000 U	mg/kg
	2-Nitroaniline	1.40000 U	mg/kg
	3-Nitroaniline	1.40000 U	mg/kg
	4-Nitroaniline	1.40000 U	mg/kg
	Nitrobenzene	0.55000 U	mg/kg
	2-Nitrophenol	0.55000 U	mg/kg
	4-Nitrophenol	1.40000 U	mg/kg
	N-Nitroso-di-n-propylamine	0.55000 U	mg/kg
	N-Nitrosodiphenylamine (1)	0.55000 U	mg/kg
	2,2'-Oxybis(1-Chloropropane)	1.40000 U	mg/kg
	Pentachlorophenol	0.21950 U	mg/kg
	Phenanthrene	0.55000 U	mg/kg
	Phenol	0.41000 U	mg/kg
	Pyrene	0.55000 U	mg/kg
	1,2,4-Trichlorobenzene	1.40000 U	mg/kg
	2,4,5-Trichlorophenol	0.55000 U	mg/kg
	2,4,6-Trichlorophenol	0.55000 U	mg/kg
4F-A004 DL01	TCL Pesticides	0.00051 U	mg/kg
	Aldrin	0.05500 U	mg/kg
	Aroclor-1016	0.11000 U	mg/kg
	Aroclor-1221	0.05500 U	mg/kg
	Aroclor-1232	0.05500 U	mg/kg
	Aroclor-1242	0.05500 U	mg/kg
	Aroclor-1248	0.05500 U	mg/kg
	Aroclor-1254	0.05500 U	mg/kg
	Aroclor-1260	0.01000 U	mg/kg
	gamma-BHC (Lindane)	0.00280 U	mg/kg
	alpha-BHC	0.00280 U	mg/kg
	beta-BHC	0.00195 U	mg/kg
	delta-BHC	0.00280 U	mg/kg
	alpha-Chlordane	0.00115 U	mg/kg
	gamma-Chlordane	0.00071 U	mg/kg
	4,4'-DDD	0.00550 U	mg/kg
	4,4'-DDE	0.00077 U	mg/kg
	4,4'-DDT	0.00102 U	mg/kg
	Dieldrin	0.00135 U	mg/kg
	Endosulfan I	0.00280 U	mg/kg
	Endosulfan II	0.00550 U	mg/kg
	Endosulfan sulfate	0.00550 U	mg/kg
	Endrin	0.00550 U	mg/kg
	Endrin aldehyde	0.00550 U	mg/kg
	Endrin ketone	0.00550 U	mg/kg
	Heptachlor	0.00280 U	mg/kg
	Heptachlor epoxide	0.00280 U	mg/kg
	Methoxychlor	0.02800 U	mg/kg
	Toxaphene	0.28000 U	mg/kg
	TCLP Inorganics	0.00350 U	mg/L
	Arsenic	0.33300 U	mg/L
	Barium	0.00050 U	mg/L
	Cadmium	0.00050 U	mg/L

* See Attachment B-2 for definitions of the qualifiers.

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Remedial Investigation Analytical Results
SURFACE WATER AND SEDIMENT SAMPLES

Location & Sample Number	Parameter	Result & Qualifier*	
4F-A004 DL01	Chromium	0.00220 U	mg/L
	Lead	0.00125 B	mg/L
	Mercury	0.00020 U	mg/L
	Selenium	0.00440 U	mg/L
	Silver	0.00060 U	mg/L
	TCLP Volatiles		
	Benzene	0.05000 U	mg/L
	2-Butanone	0.10000 U	mg/L
	Carbon Tetrachloride	0.05000 U	mg/L
	Chlorobenzene	0.05000 U	mg/L
	Chloroform	0.02500 U	mg/L
	1,2-Dichloroethane	0.02500 U	mg/L
	1,1-Dichloroethene	0.02500 U	mg/L
	Tetrachloroethene	0.05000 U	mg/L
	Trichloroethene	0.02500 U	mg/L
	Vinyl Chloride	0.05000 U	mg/L
	TCLP Semi-Volatiles		
	1,4-Dichlorobenzene	0.05000 U	mg/L
	2,4-Dinitrotoluene	0.05000 U	mg/L
	Hexachlorobenzene	0.07500 U	mg/L
	Hexachlorobutadiene	0.02500 U	mg/L
	Hexachloroethane	0.05000 U	mg/L
	2-Methylphenol	0.10000 U	mg/L
	3-Methylphenol	0.18000 U	mg/L
	4-Methylphenol	0.18000 U	mg/L
	Nitrobenzene	0.05000 U	mg/L
	Pentachlorophenol	0.28000 U	mg/L
	Pyridine	0.10000 U	mg/L
	2,4,5-Trichlorophenol	0.12000 U	mg/L
	2,4,6-Trichlorophenol	0.12000 U	mg/L
	TCLP Pesticides		
	gamma-BHC (Lindane)	0.20000 U	mg/L
	Chlordane	0.01500 U	mg/L
	2,4-Dichlorophenoxyacetic acid	5.00000 U	mg/L
	Endrin	0.01000 U	mg/L
	Heptachlor	0.00400 U	mg/L
	Heptachlor epoxide	0.00400 U	mg/L
	Methoxychlor	5.00000 U	mg/L
	2,4,5-TP (Silvex)	0.50000 U	mg/L
	Toxaphene	0.25000 U	mg/L
	Wet Chemistry		
	TOC	8,050.00000	mg/kg
4F-A004 WL01	TAL Total Inorganics		
	Aluminum	6,105.00000	µg/L
	Antimony	38.60000 U	µg/L
	Arsenic	1.20000	µg/L
	Barium	41.60000	µg/L
	Beryllium	0.30500	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result	Qualifier*
4F-A004 WL01	Cadmium	3.40000	U µg/L
	Calcium	38,900.00000	U µg/L
	Chromium	10.00000	U µg/L
	Cobalt	5.20000	U µg/L
	Copper	10.40000	UC µg/L
	Iron	6,865.00000	U µg/L
	Lead	8.20000	U µg/L
	Magnesium	2,905.00000	U µg/L
	Manganese	127.50000	U µg/L
	Mercury	0.08000	U µg/L
	Nickel	21.20000	U µg/L
	Potassium	5,355.00000	U µg/L
	Selenium	0.80000	U µg/L
	Silver	9.00000	U µg/L
	Sodium	3,620.00000	U µg/L
	Thallium	0.70000	U µg/L
	Vanadium	17.25000	U µg/L
	Zinc	44.25000	U µg/L
	TAL Dissolved Inorganics	91.40000	UC µg/L
	Aluminum	38.60000	U µg/L
	Antimony	1.00000	U µg/L
4F-A004 WL01	Arsenic	15.20000	U µg/L
	Barium	0.30000	U µg/L
	Beryllium	3.40000	U µg/L
	Cadmium	28,250.00000	U µg/L
	Calcium	3.60000	U µg/L
	Chromium	5.20000	U µg/L
	Cobalt	9.90000	UC µg/L
	Copper	112.10000	U µg/L
	Iron	1.50000	U µg/L
	Lead	1,790.00000	U µg/L
	Magnesium	2.60000	U µg/L
	Manganese	0.10000	U µg/L
	Mercury	11.80000	U µg/L
	Nickel	3,885.00000	U µg/L
	Potassium	0.80000	U µg/L
	Selenium	9.00000	U µg/L
	Silver	3,575.00000	U µg/L
	Sodium	0.70000	U µg/L
	Thallium	2.50000	U µg/L
	Vanadium	6.20000	U µg/L
	Zinc		
4F-A004 WL01	TCL Volatiles	10.00000	U µg/L
	Acetone	10.00000	U µg/L
	Benzene	10.00000	U µg/L
	Bromodichloromethane	10.00000	U µg/L
	Bromoform	10.00000	U µg/L
	Bromomethane	10.00000	U µg/L
	2-Butanone	10.00000	U µg/L
	Carbon Disulfide	10.00000	U µg/L
	Carbon Tetrachloride	10.00000	U µg/L
	Chlorobenzene	10.00000	U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result & Qualifier*
	Chloroethane	10.00000 U µg/L
	Chloroform	10.00000 U µg/L
	Chloromethane	10.00000 U µg/L
	Dibromochloromethane	10.00000 U µg/L
	1,1-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethane	10.00000 U µg/L
	1,2-Dichloroethene (total)	10.00000 U µg/L
	1,1-Dichloroethene	10.00000 U µg/L
	1,2-Dichloropropane	10.00000 U µg/L
	cis-1,3-Dichloropropene	10.00000 U µg/L
	trans-1,3-Dichloropropene	10.00000 U µg/L
	Ethylbenzene	10.00000 U µg/L
	2-Hexanone	10.00000 U µg/L
	4-Methyl-2-Pentanone	10.00000 U µg/L
	Methylene Chloride	10.00000 U µg/L
	Styrene	9.00000 B µg/L
	1,1,2,2-Tetrachloroethane	10.00000 U µg/L
	Tetrachloroethene	10.00000 U µg/L
	Toluene	10.00000 U µg/L
	1,1,1-Trichloroethane	10.00000 U µg/L
	1,1,2-Trichloroethane	10.00000 U µg/L
	Trichloroethene	10.00000 U µg/L
	Vinyl Chloride	10.00000 U µg/L
	Xylene (total)	10.00000 U µg/L
4F-A004 WL01	TCL Semi-Volatiles	
	Acenaphthene	10.00000 U µg/L
	Acenaphthylene	10.00000 U µg/L
	Anthracene	10.00000 U µg/L
	Benzo (a) anthracene	10.00000 U µg/L
	Benzo (a) pyrene	10.00000 U µg/L
	Benzo (b) fluoranthene	10.00000 U µg/L
	Benzo (g, h, i) perylene	10.00000 U µg/L
	Benzo (k) fluoranthene	10.00000 U µg/L
	bis (2-Chloroethoxy) Methane	10.00000 U µg/L
	bis (2-Chloroethyl) Ether	10.00000 U µg/L
	bis (2-Ethylhexyl) phthalate	10.00000 U µg/L
	4-Bromophenyl-phenylether	10.00000 U µg/L
	Butylbenzylphthalate	10.00000 U µg/L
	Carbazole	10.00000 U µg/L
	4-Chloro-3-Methylphenol	10.00000 U µg/L
	4-Chloroaniline	10.00000 U µg/L
	2-Chloronaphthalene	10.00000 U µg/L
	2-Chlorophenol	10.00000 U µg/L
	4-Chlorophenyl-phenylether	10.00000 U µg/L
	Chrysene	10.00000 U µg/L
	Di-n-butylphthalate	10.00000 U µg/L
	Di-n-octylphthalate	10.00000 U µg/L
	Dibenz (a, h) anthracene	10.00000 U µg/L
	Dibenzofuran	10.00000 U µg/L
	1,2-Dichlorobenzene	10.00000 U µg/L
	1,3-Dichlorobenzene	10.00000 U µg/L
	1,4-Dichlorobenzene	10.00000 U µg/L
	3,3'-Dichlorobenzidine	10.00000 U µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result & Qualifier*	
	2,4-Dichlorophenol	10.00000 U	µg/L
	Diethylphthalate	10.00000 U	µg/L
	2,4-Dimethylphenol	10.00000 U	µg/L
	Dimethylphthalate	10.00000 U	µg/L
	4,6-Dinitro-2-Methylphenol	25.00000 U	µg/L
	2,4-Dinitrophenol	25.00000 U	µg/L
	2,4-Dinitrotoluene	10.00000 U	µg/L
	2,6-Dinitrotoluene	10.00000 U	µg/L
	Fluoranthene	10.00000 U	µg/L
	Fluorene	10.00000 U	µg/L
	Hexachlorobenzene	10.00000 U	µg/L
	Hexachlorobutadiene	10.00000 U	µg/L
	Hexachlorocyclopentadiene	10.00000 U	µg/L
	Hexachloroethane	10.00000 U	µg/L
	Indeno (1,2,3-cd)pyrene	10.00000 U	µg/L
	Isophorone	10.00000 U	µg/L
	2-Methylnaphthalene	10.00000 U	µg/L
	2-Methylphenol	10.00000 U	µg/L
	4-Methylphenol	10.00000 U	µg/L
	Naphthalene	10.00000 U	µg/L
	2-Nitroaniline	25.00000 U	µg/L
	3-Nitroaniline	25.00000 U	µg/L
	4-Nitroaniline	10.00000 U	µg/L
	Nitrobenzene	10.00000 U	µg/L
	2-Nitrophenol	10.00000 U	µg/L
	4-Nitrophenol	25.00000 U	µg/L
	N-Nitroso-di-n-propylamine	10.00000 U	µg/L
	N-Nitrosodiphenylamine (1)	10.00000 U	µg/L
	2,2'-Oxybis (1-Chloropropane)	10.00000 U	µg/L
	Pentachlorophenol	25.00000 U	µg/L
	Phenanthrene	10.00000 U	µg/L
	Phenol	10.00000 U	µg/L
	Pyrene	10.00000 U	µg/L
	1,2,4-Trichlorobenzene	10.00000 U	µg/L
	2,4,5-Trichlorophenol	25.00000 U	µg/L
	2,4,6-Trichlorophenol	10.00000 U	µg/L
4F-A004 WL01	TCL Pesticides		
	Aldrin	0.05000 U	µg/L
	Aroclor-1016	1.00000 U	µg/L
	Aroclor-1221	2.00000 U	µg/L
	Aroclor-1232	1.00000 U	µg/L
	Aroclor-1242	1.00000 U	µg/L
	Aroclor-1248	1.00000 U	µg/L
	Aroclor-1254	1.00000 U	µg/L
	Aroclor-1260	1.00000 U	µg/L
	gamma-BHC (Lindane)	0.05000 U	µg/L
	alpha-BHC	0.05000 U	µg/L
	beta-BHC	0.05000 U	µg/L
	delta-BHC	0.05000 U	µg/L
	alpha-Chlordane	0.05000 U	µg/L
	gamma-Chlordane	0.05000 U	µg/L
	4,4'-DDD	0.10000 U	µg/L
	4,4'-DDE	0.10000 U	µg/L

* See Attachment B-2 for definitions of the qualifiers.

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Location & Sample Number	Parameter	Result & Qualifier*	
	4,4'-DDT	0.10000 UJv	µg/L
	Dieldrin	0.10000 U	µg/L
	Endosulfan I	0.05000 U	µg/L
	Endosulfan II	0.10000 UJv	µg/L
	Endosulfan sulfate	0.10000 UJv	µg/L
	Endrin	0.10000 U	µg/L
	Endrin aldehyde	0.10000 UJv	µg/L
	Endrin ketone	0.10000 UJv	µg/L
	Heptachlor	0.05000 U	µg/L
	Heptachlor epoxide	0.05000 U	µg/L
	Methoxychlor	0.50000 UJv	µg/L
	Toxaphene	5.00000 UJv	µg/L
4F-A004 WL01	Wet Chemistry		
	TOC	9,925.00000	µg/L
	TDS	116,500.00000	µg/L
	TSS	159,000.00000	µg/L

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B-2 for definitions of the qualifiers.

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